

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041739.D
 Acq On : 19 Jul 2019 17:37
 Operator : HP/JU
 Sample : K3615-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 19 23:36:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	86396	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	325775	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	213896	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	583681	20.00	ng	0.00
76) Chrysene-d12	21.65	240	699265	20.00	ng	-0.01
87) Perylene-d12	24.84	264	838345	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	566902	107.27	ng	0.00
7) Phenol-d6	7.20	99	685079	96.37	ng	0.00
23) Nitrobenzene-d5	9.20	82	513199	95.80	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	388150	161.02	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	1212136	87.75	ng	0.00
79) Terphenyl-d14	20.00	244	2398280	80.15	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	73762	29.387	ng	# 10
3) Pyridine	3.90	79	160002	23.880	ng	94
4) n-Nitrosodimethylamine	3.80	42	93751	30.299	ng	98
6) Aniline	7.37	93	142542	14.920	ng	98
8) 2-Chlorophenol	7.61	128	216123	36.122	ng	98
9) Benzaldehyde	7.18	77	100657	20.173	ng	97
10) Phenol	7.22	94	226921	30.299	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	213400	35.281	ng	96
12) 1,3-Dichlorobenzene	7.94	146	240350	33.667	ng	98
13) 1,4-Dichlorobenzene	8.08	146	243190	34.015	ng	98
14) 1,2-Dichlorobenzene	8.40	146	227160	33.700	ng	99
15) Benzyl Alcohol	8.28	79	187001	33.043	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	393408	31.388	ng	99
17) 2-Methylphenol	8.48	107	177740	34.317	ng	97
18) Hexachloroethane	9.13	117	86138	32.894	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	172612	33.222	ng	95
20) 3+4-Methylphenols	8.81	107	238339	33.580	ng	98
22) Acetophenone	8.86	105	325804	41.062	ng	# 95
24) Nitrobenzene	9.25	77	240786	41.205	ng	100
25) Isophorone	9.77	82	458855	39.118	ng	99
26) 2-Nitrophenol	9.96	139	117397	44.200	ng	97
27) 2,4-Dimethylphenol	10.02	122	204354	44.031	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	279983	38.728	ng	99
29) 2,4-Dichlorophenol	10.49	162	227688	43.029	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	246791	39.722	ng	99
31) Naphthalene	10.90	128	654414	40.803	ng	97
32) Benzoic acid	10.09	122	56909	20.141	ng	97
33) 4-Chloroaniline	11.00	127	57587	7.784	ng	95
34) Hexachlorobutadiene	11.20	225	153712	38.493	ng	98
35) Caprolactam	11.75	113	64368	33.095	ng	# 85
36) 4-Chloro-3-methylphenol	12.11	107	241045	43.483	ng	100
37) 2-Methylnaphthalene	12.50	142	503813	41.116	ng	99
38) 1-Methylnaphthalene	12.72	142	473625	40.543	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	294150	40.147	ng	99

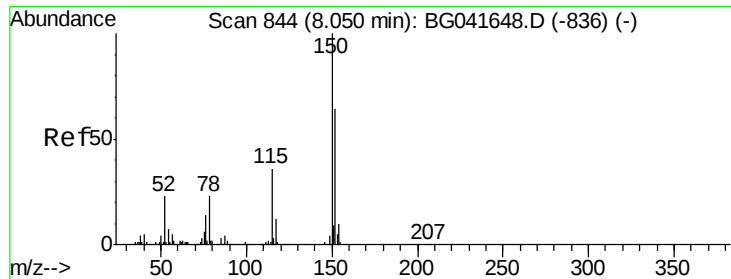
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
 Data File : BG041739.D
 Acq On : 19 Jul 2019 17:37
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	318586	76.868	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	204185	42.890	ng	98
44) 2,4,5-Trichlorophenol	13.17	196	224213	44.701	ng	97
46) 1,1'-Biphenyl	13.50	154	646168	40.323	ng	96
47) 2-Chloronaphthalene	13.54	162	519363	38.888	ng	98
48) 2-Nitroaniline	13.73	65	170378	43.816	ng	98
49) Acenaphthylene	14.39	152	853066	40.916	ng	98
50) Dimethylphthalate	14.12	163	762560	45.393	ng	99
51) 2,6-Dinitrotoluene	14.22	165	166917	46.843	ng	97
52) Acenaphthene	14.73	154	561665	42.749	ng	98
53) 3-Nitroaniline	14.55	138	64803	16.660	ng	95
54) 2,4-Dinitrophenol	14.76	184	109579	62.699	ng	93
55) Dibenzofuran	15.06	168	839696	42.590	ng	96
56) 4-Nitrophenol	14.85	139	285774	90.744	ng	99
57) 2,4-Dinitrotoluene	15.01	165	242193	51.418	ng	99
58) Fluorene	15.70	166	696571	43.421	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	231379	49.968	ng	97
60) Diethylphthalate	15.47	149	740339	43.745	ng	97
61) 4-Chlorophenyl-phenylether	15.70	204	385786	42.542	ng	99
62) 4-Nitroaniline	15.71	138	198908	48.216	ng	98
63) Azobenzene	15.99	77	639002	41.764	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	106478	39.759	ng	93
66) n-Nitrosodiphenylamine	15.91	169	661838	38.612	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	271328	39.068	ng	98
68) Hexachlorobenzene	16.71	284	275905	39.451	ng	98
69) Atrazine	16.85	200	289155	46.486	ng	98
70) Pentachlorophenol	17.05	266	292967	66.997	ng	98
71) Phenanthrene	17.44	178	1241461	42.235	ng	97
72) Anthracene	17.53	178	1281723	43.745	ng	96
73) Carbazole	17.79	167	1252889	46.106	ng	97
74) Di-n-butylphthalate	18.36	149	1434189	43.273	ng	97
75) Fluoranthene	19.45	202	1677715	46.482	ng	96
77) Benzidine	19.62	184	207096	5.838	ng	97
78) Pyrene	19.80	202	1718630	36.340	ng	96
80) Butylbenzylphthalate	20.69	149	787909	40.092	ng	93
81) Benzo(a)anthracene	21.63	228	1807889	40.015	ng	98
82) 3,3'-Dichlorobenzidine	21.54	252	326926	18.389	ng	99
83) Chrysene	21.70	228	1774186	41.096	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	1113163	40.117	ng	97
85) Di-n-octyl phthalate	22.76	149	1944019	41.140	ng	96
86) Indeno(1,2,3-cd)pyrene	28.49	276	2438905	42.815	ng	# 92
88) Benzo(b)fluoranthene	23.83	252	2040627	40.129	ng	99
89) Benzo(k)fluoranthene	23.90	252	1996657	42.374	ng	99
90) Benzo(a)pyrene	24.69	252	2041579	42.433	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	1998100	42.832	ng	98
92) Benzo(g,h,i)perylene	29.62	276	2014992	43.102	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

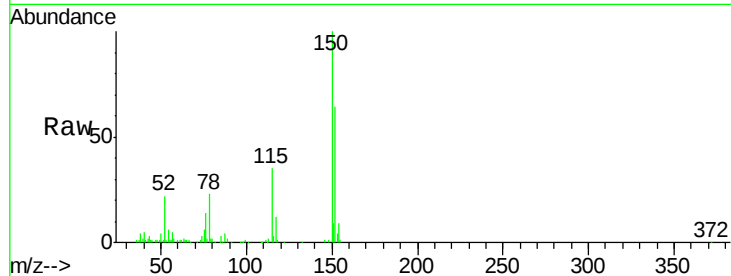


#1

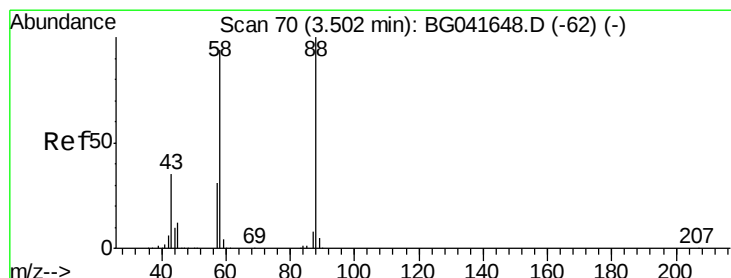
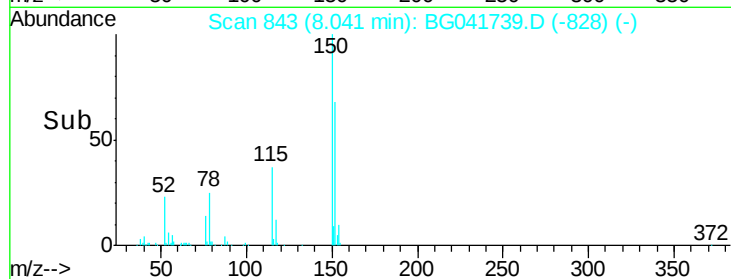
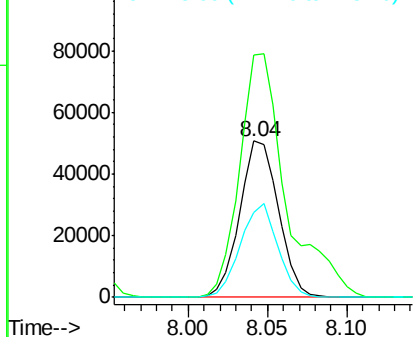
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 86396
Ion Ratio Lower Upper
152 100
150 155.4 126.9 190.3
115 54.4 45.0 67.6



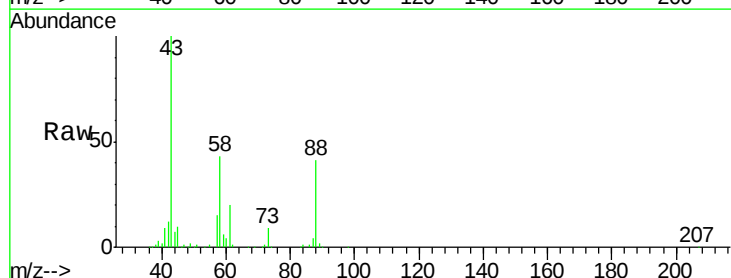
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



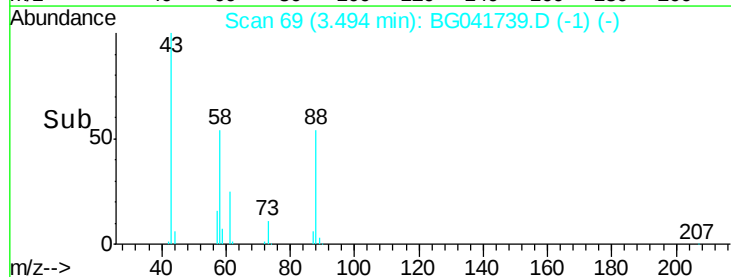
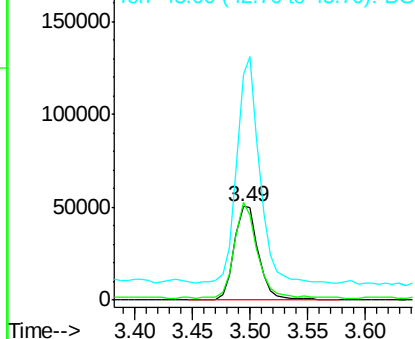
#2

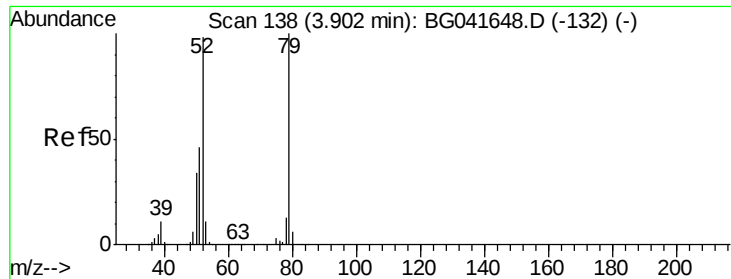
1,4-Dioxane
Concen: 29.387 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.00 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion: 88 Resp: 73762
Ion Ratio Lower Upper
88 100
58 97.3 76.2 114.2
43 225.5 27.2 40.8#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 23.880 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

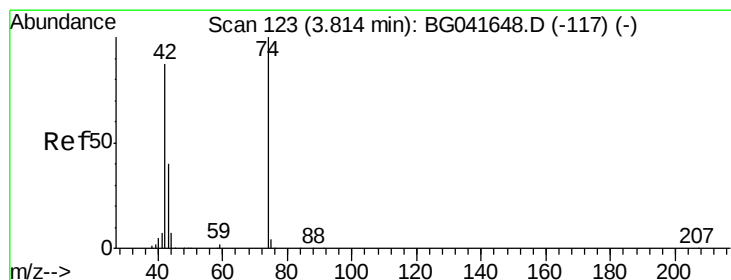
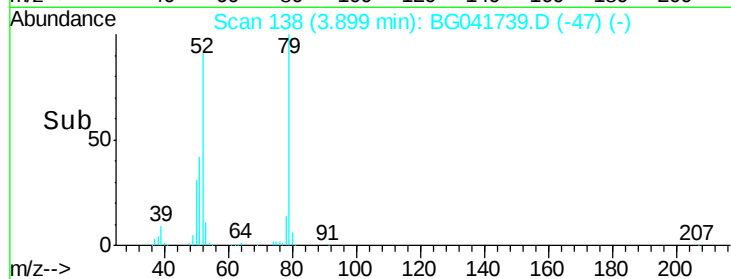
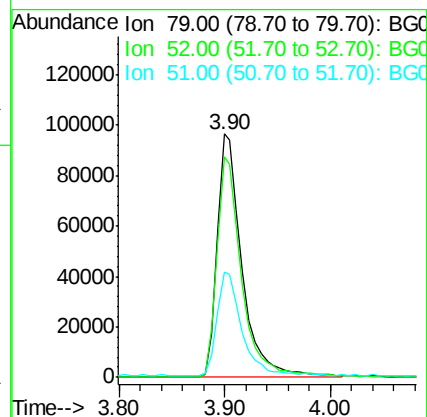
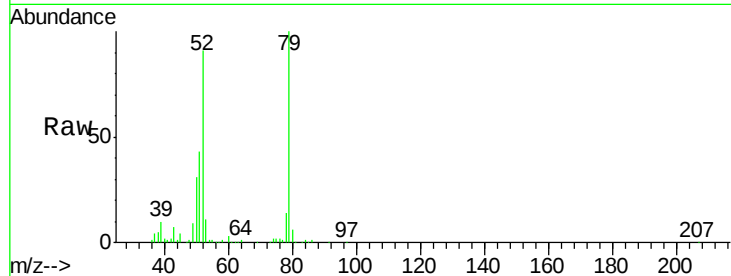
Tot Ion: 79 Resp: 160002

Ion Ratio Lower Upper

79 100

52 90.8 77.1 115.7

51 43.5 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 30.299 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

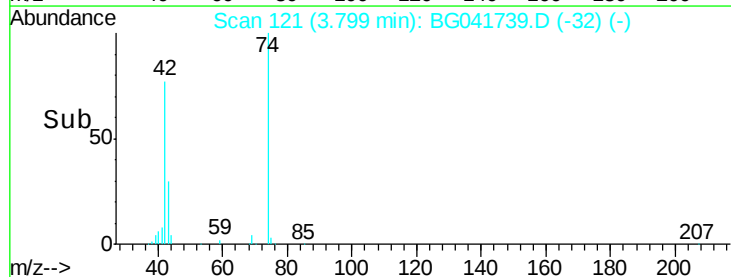
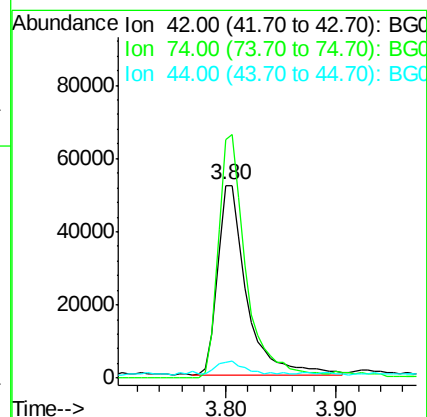
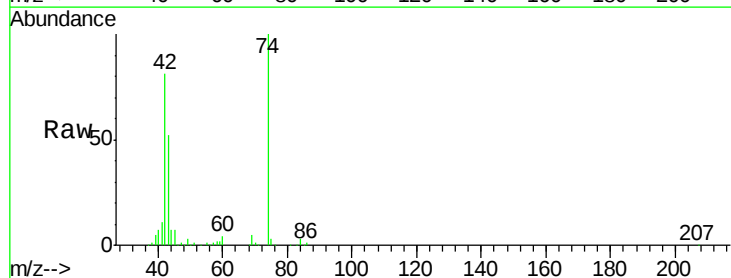
Tgt Ion: 42 Resp: 93751

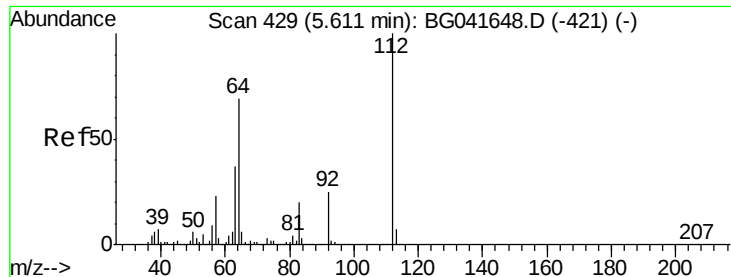
Ion Ratio Lower Upper

42 100

74 123.6 97.4 146.2

44 8.4 6.6 9.8





#5

2-Fluorophenol

Concen: 107.267 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

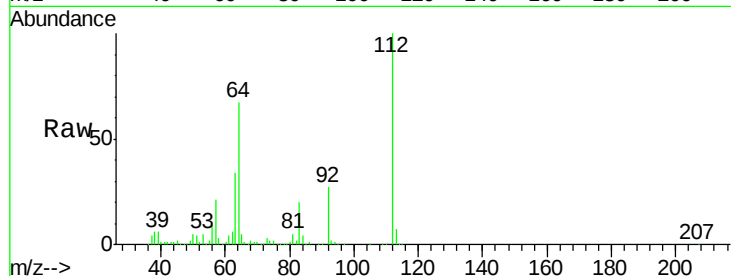
Tot Ion:112 Resp: 566902

Ion Ratio Lower Upper

112 100

64 67.0 55.4 83.2

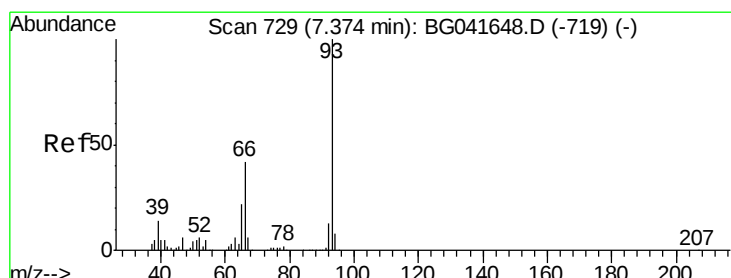
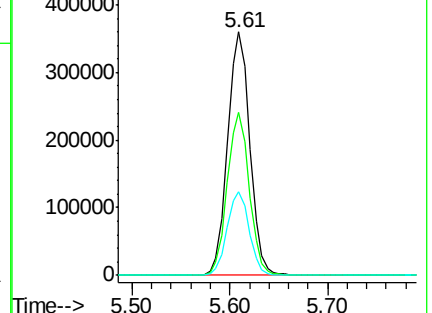
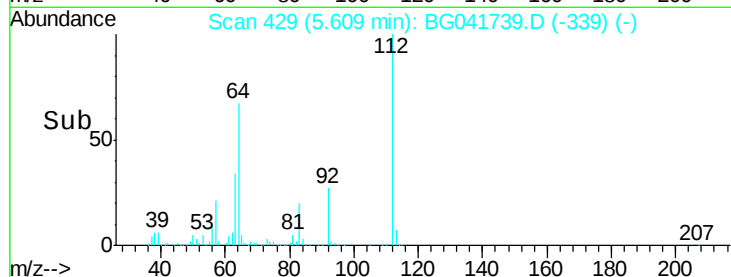
63 34.5 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.920 ng

RT: 7.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

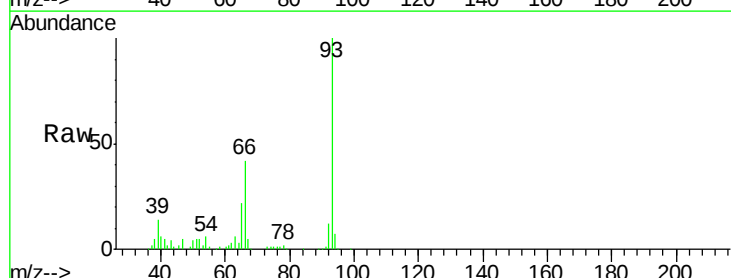
Tgt Ion: 93 Resp: 142542

Ion Ratio Lower Upper

93 100

66 41.6 34.2 51.2

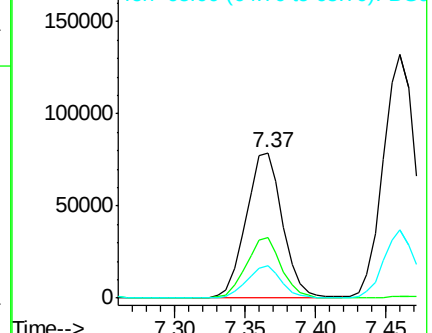
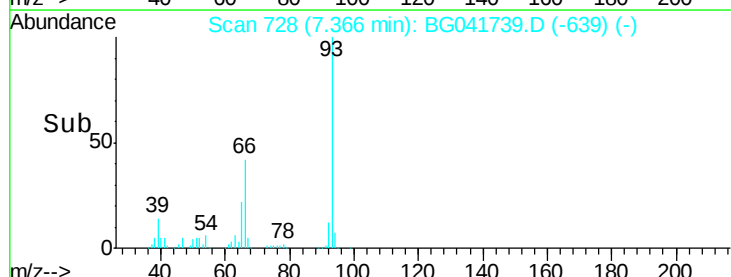
65 22.0 18.2 27.2

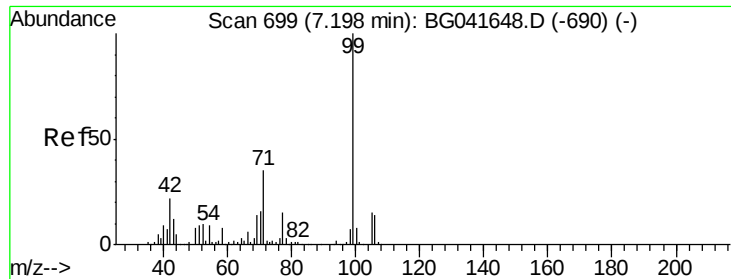


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.374 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

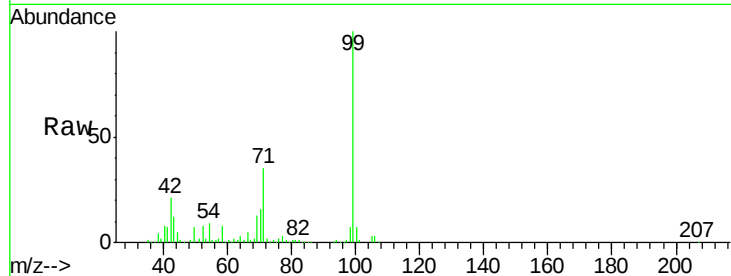
Tot Ion: 99 Resp: 685079

Ion Ratio Lower Upper

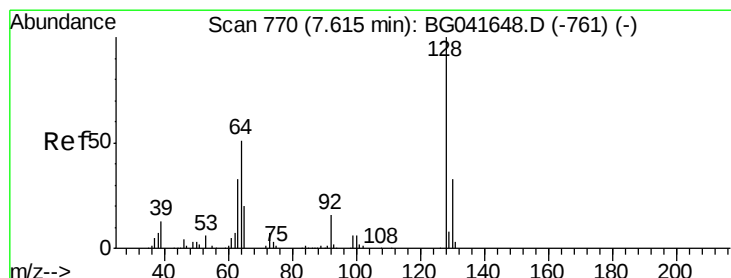
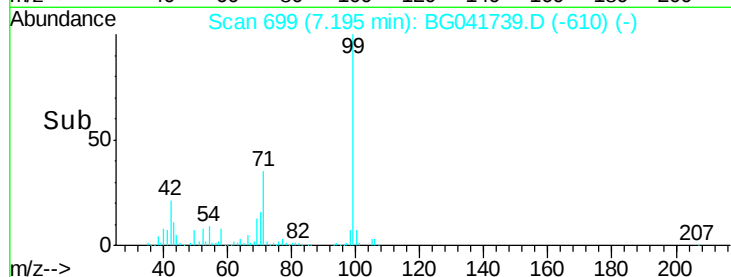
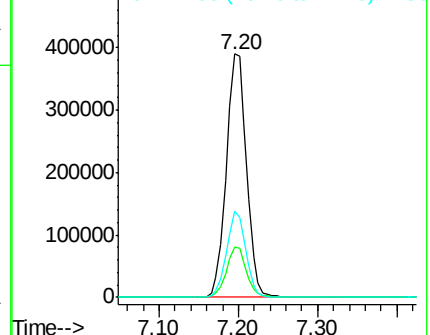
99 100

42 20.6 17.6 26.4

71 35.3 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 36.122 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

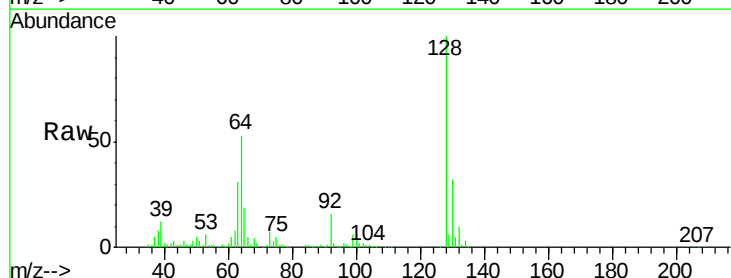
Tgt Ion: 128 Resp: 216123

Ion Ratio Lower Upper

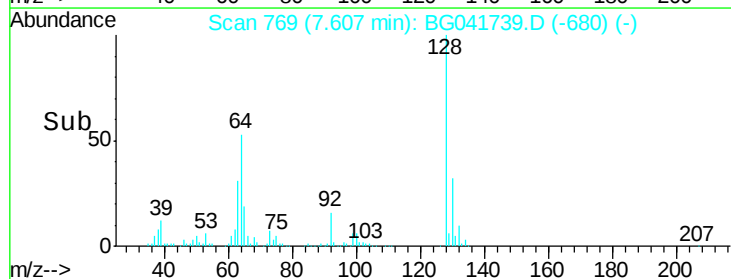
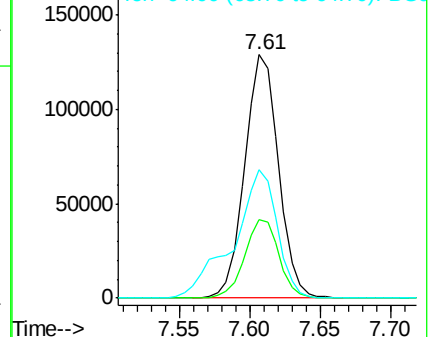
128 100

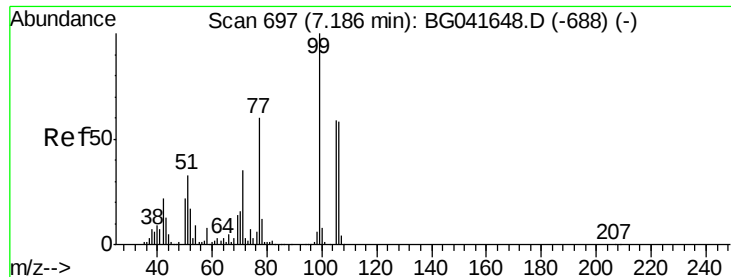
130 32.3 12.4 52.4

64 52.5 34.9 74.9



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.173 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampled :

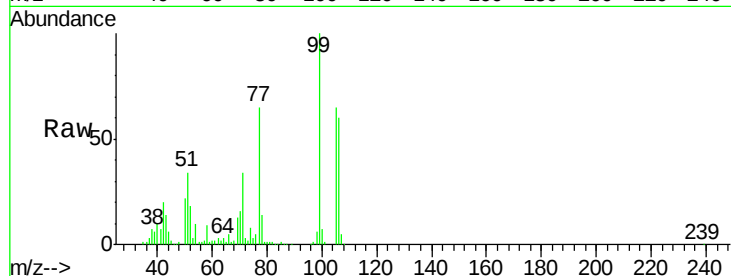
Tot Ion: 77 Resp: 100657

Ion Ratio Lower Upper

77 100

105 99.5 74.6 114.6

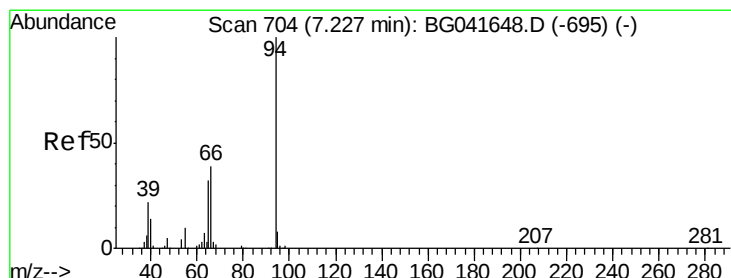
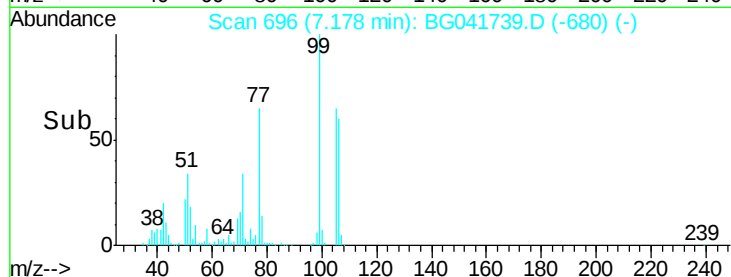
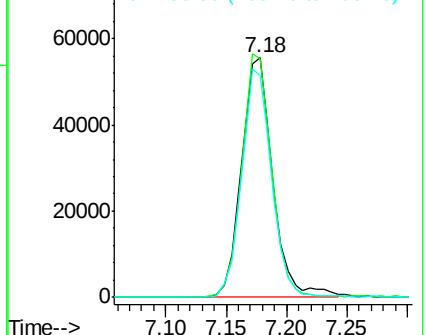
106 92.7 71.1 111.1



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 30.299 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

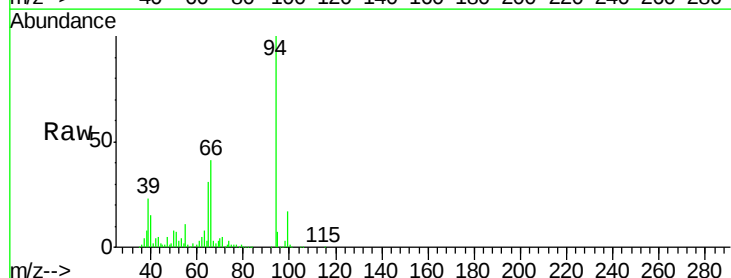
Tgt Ion: 94 Resp: 226921

Ion Ratio Lower Upper

94 100

65 31.2 10.6 50.6

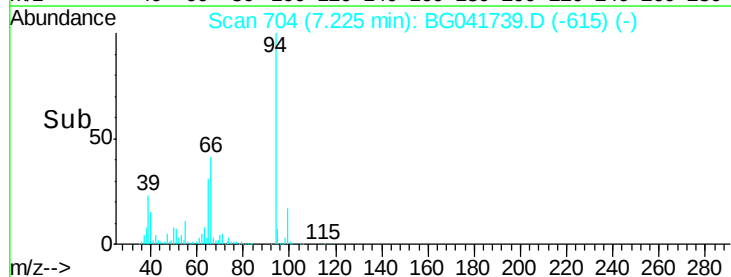
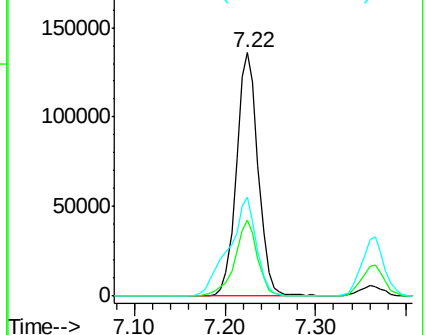
66 40.9 18.2 58.2

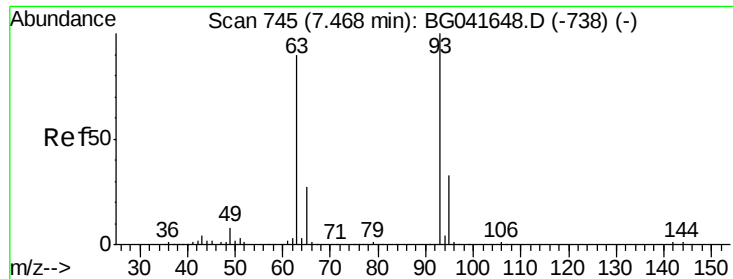


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 35.281 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

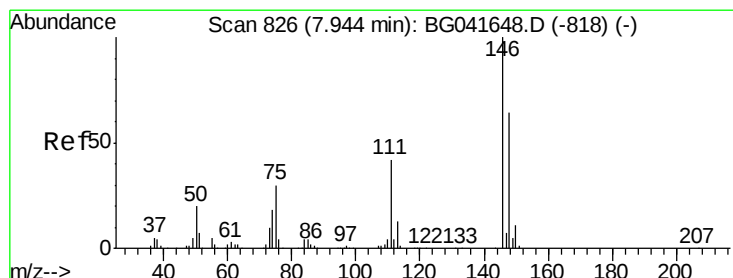
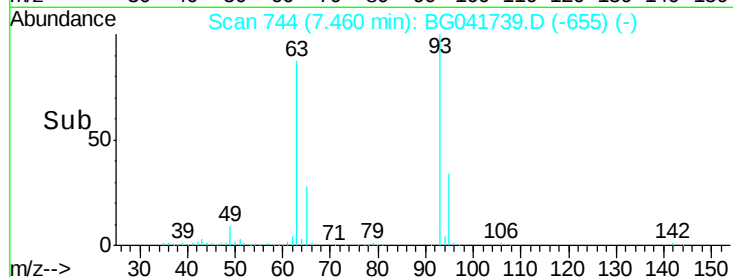
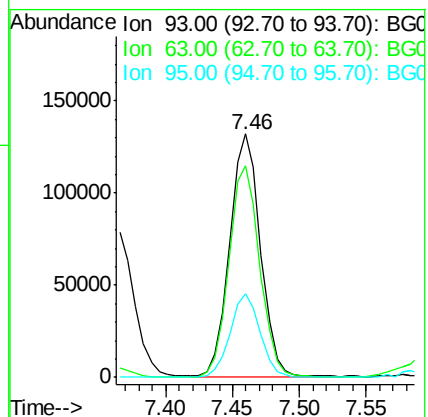
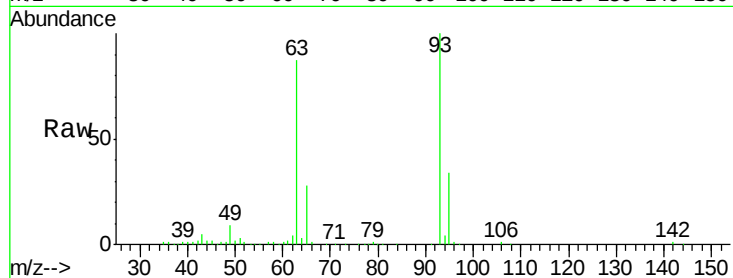
Tot Ion: 93 Resp: 213400

Ion Ratio Lower Upper

93 100

63 86.7 70.4 110.4

95 34.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 33.667 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

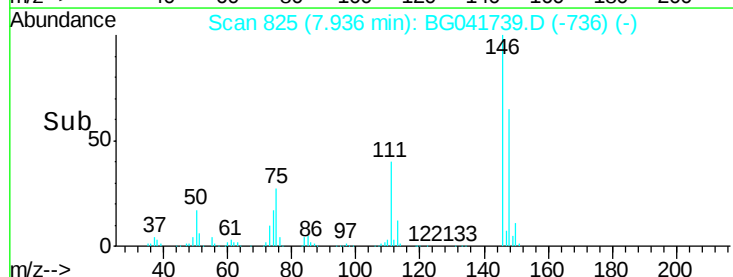
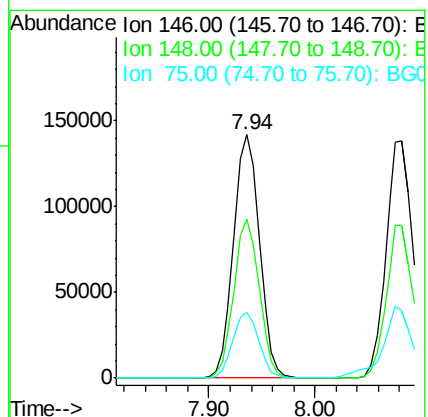
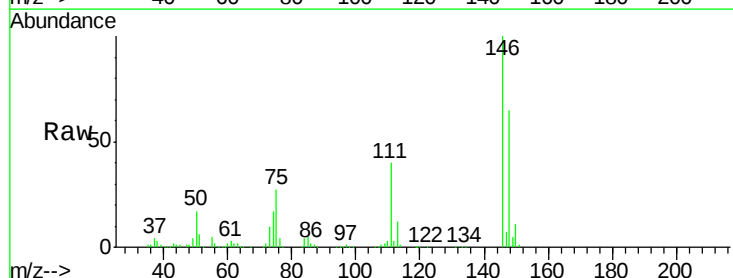
Tgt Ion: 146 Resp: 240350

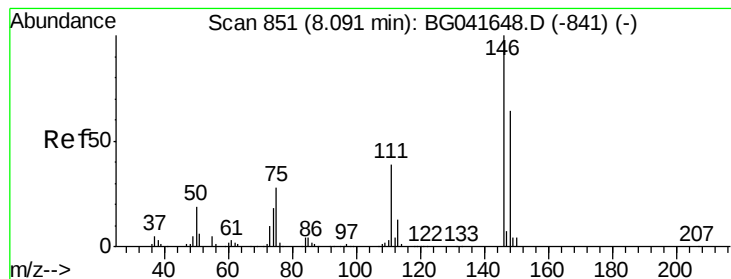
Ion Ratio Lower Upper

146 100

148 65.2 51.5 77.3

75 27.1 23.2 34.8





#13

1,4-Dichlorobenzene

Concen: 34.015 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampled :

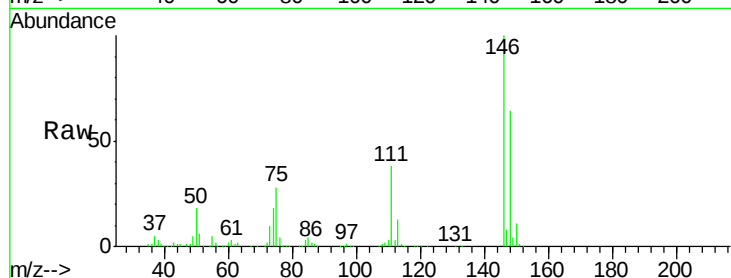
Tot Ion:146 Resp: 243190

Ion Ratio Lower Upper

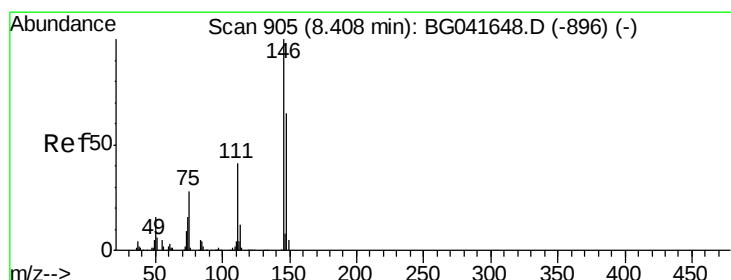
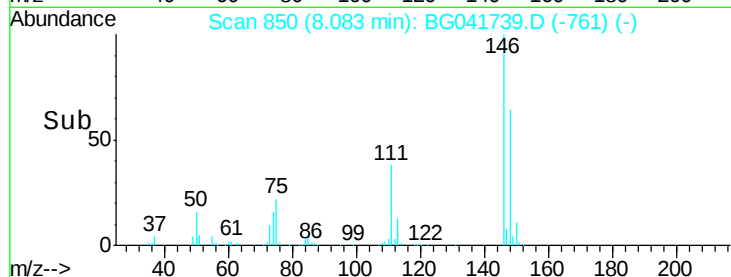
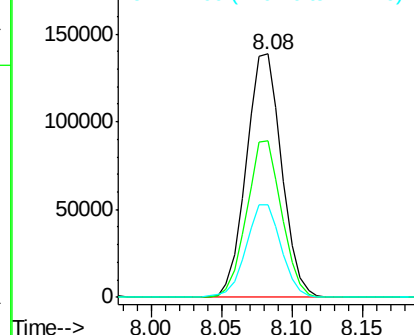
146 100

148 64.5 52.6 79.0

111 38.2 32.5 48.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.700 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

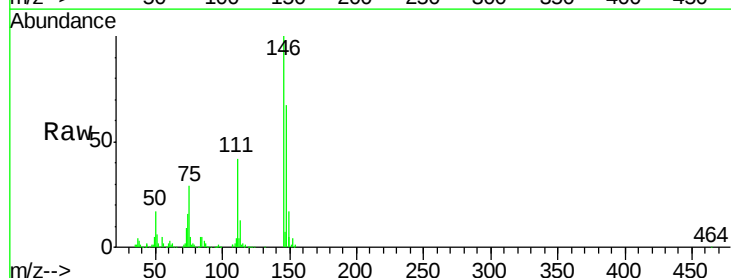
Tgt Ion:146 Resp: 227160

Ion Ratio Lower Upper

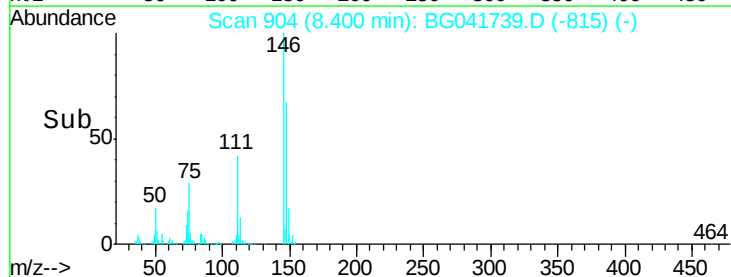
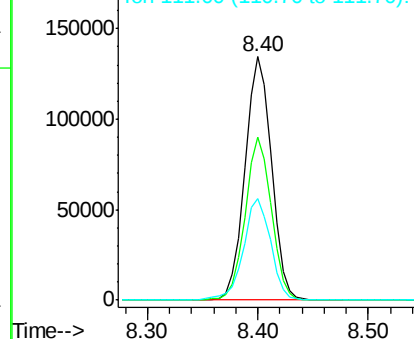
146 100

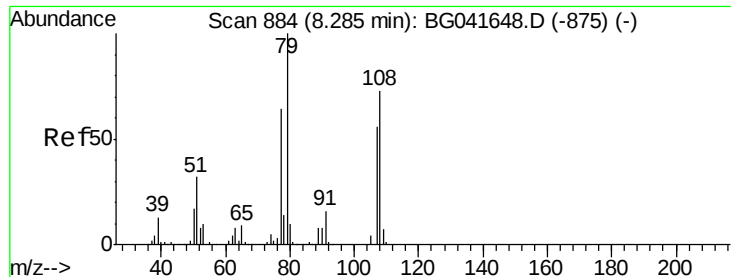
148 66.9 53.5 80.3

111 41.8 35.4 53.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.043 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampled :

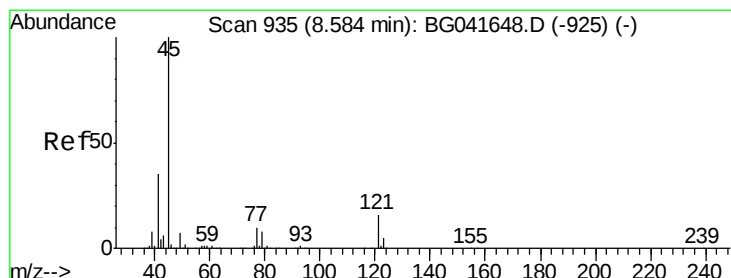
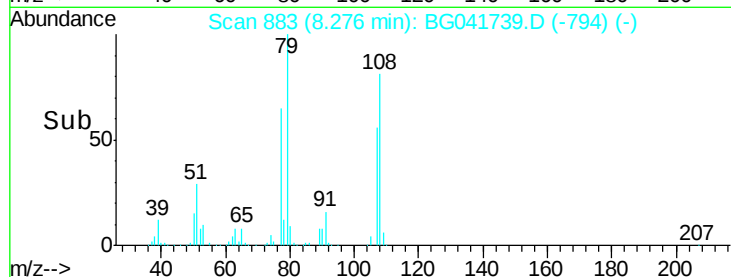
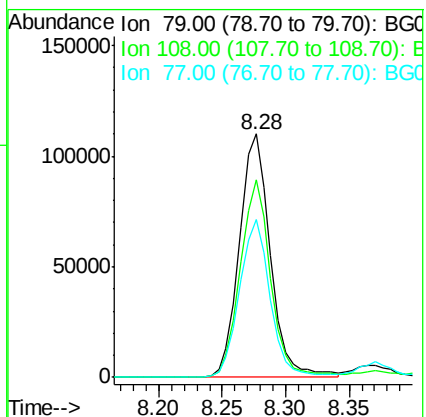
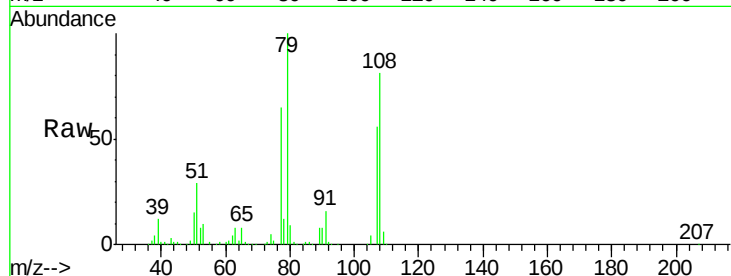
Tot Ion: 79 Resp: 187001

Ion Ratio Lower Upper

79 100

108 81.2 60.5 90.7

77 64.9 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.388 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

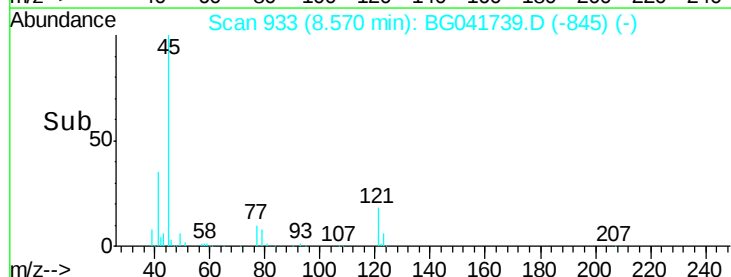
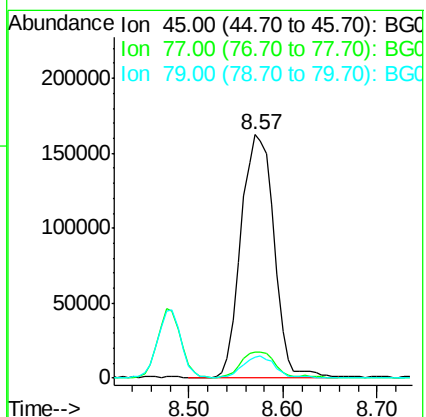
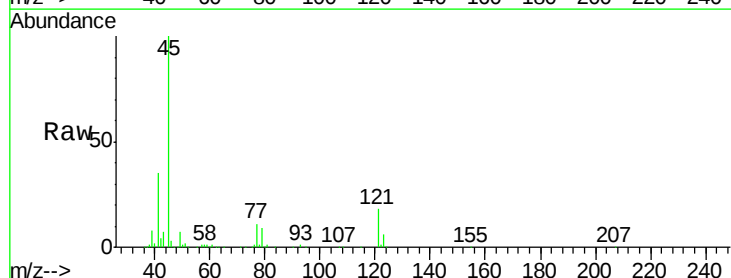
Tgt Ion: 45 Resp: 393408

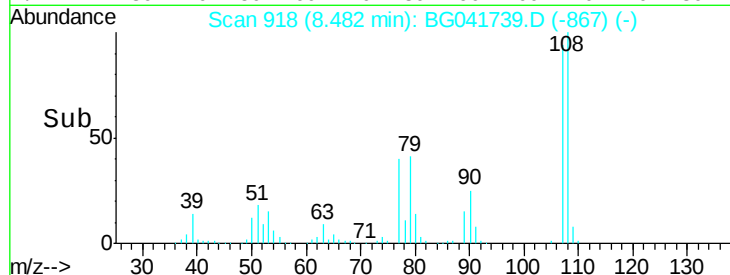
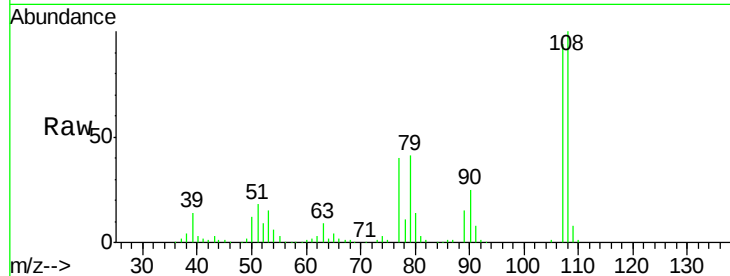
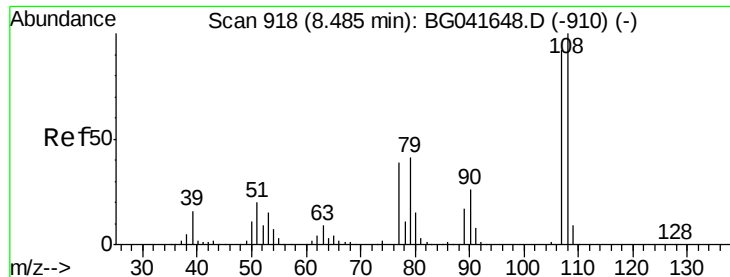
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.4

79 8.7 0.0 27.9





#17

2-Methylphenol

Concen: 34.317 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 177740

Ion Ratio Lower Upper

107 100

108 106.9 87.6 131.4

77 43.2 36.1 54.1

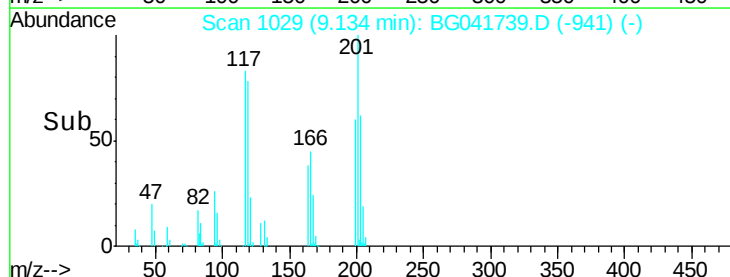
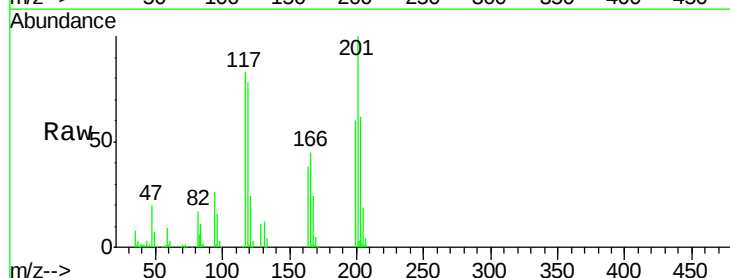
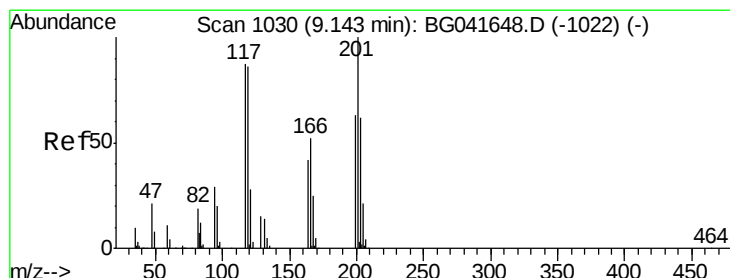
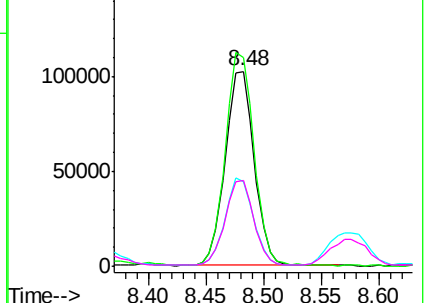
79 44.0 36.4 54.6

Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 32.894 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Tgt Ion:117 Resp: 86138

Ion Ratio Lower Upper

117 100

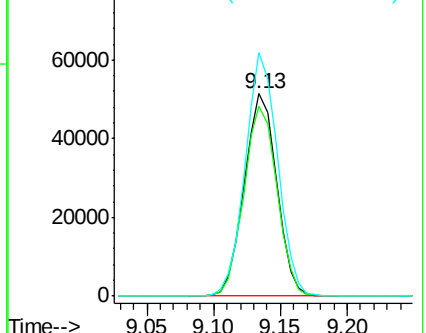
119 93.9 76.2 114.2

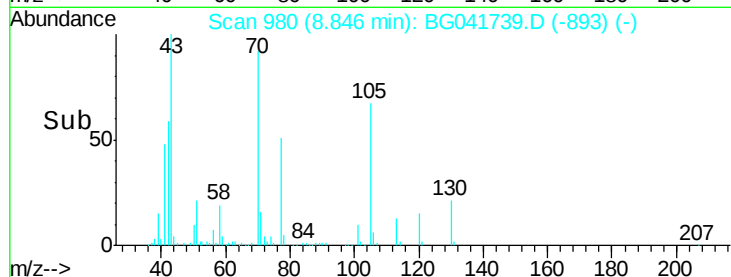
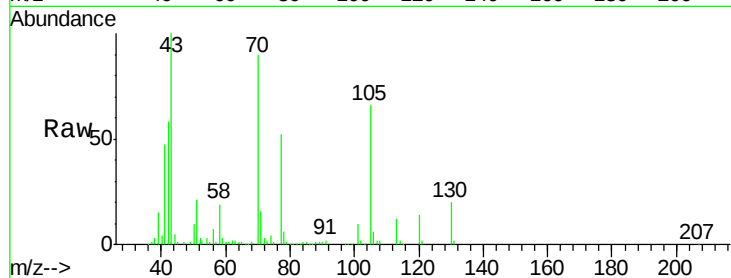
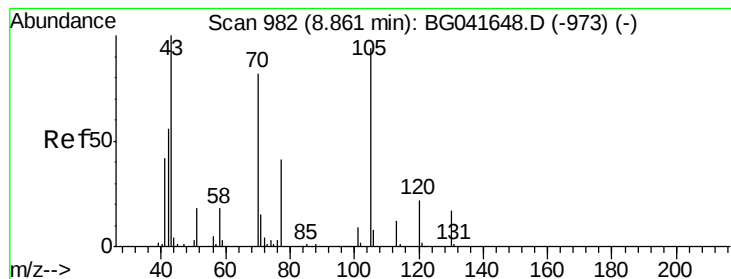
201 120.2 94.1 141.1

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.222 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 172612

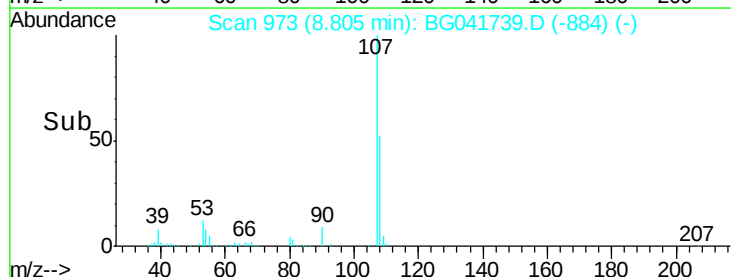
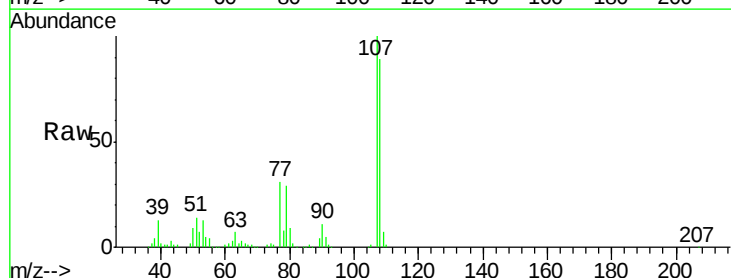
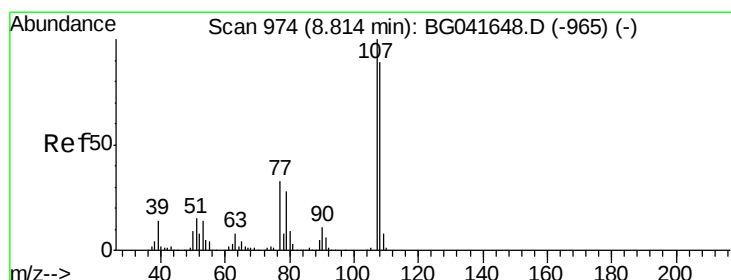
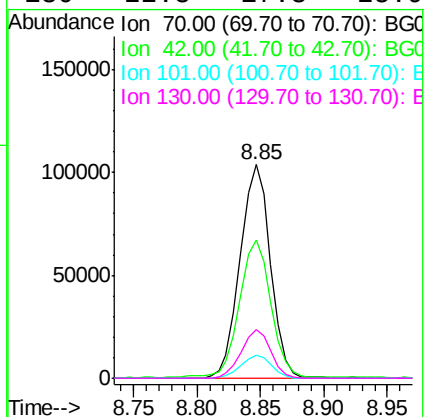
Ion Ratio Lower Upper

70 100

42 64.8 55.8 83.6

101 10.7 8.1 12.1

130 22.8 17.3 25.9



#20

3+4-Methylphenols

Concen: 33.580 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Tgt Ion: 107 Resp: 238339

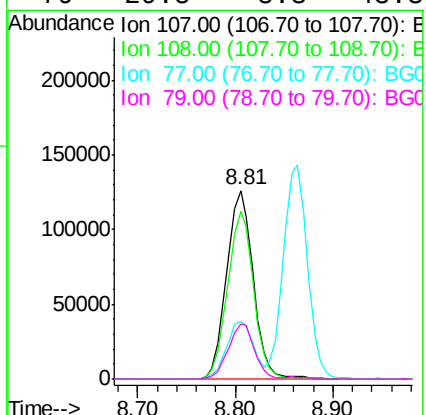
Ion Ratio Lower Upper

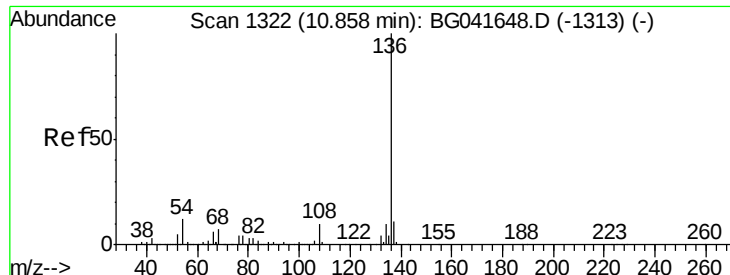
107 100

108 89.0 67.5 107.5

77 30.8 12.3 52.3

79 29.5 8.3 48.3

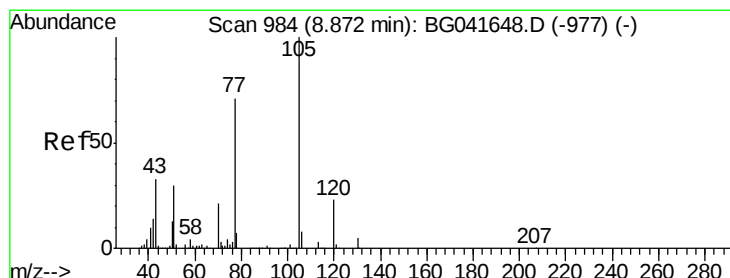
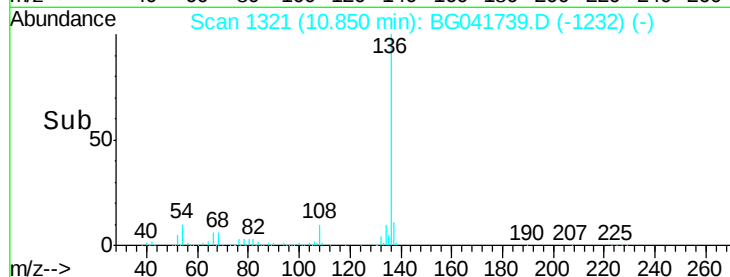
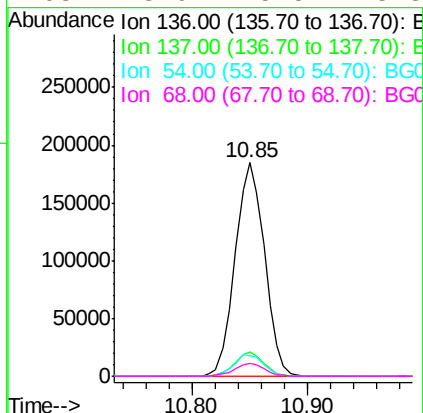
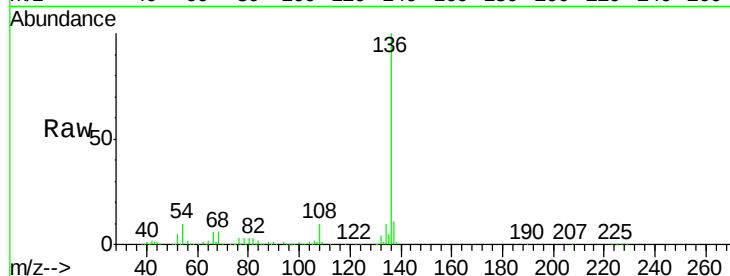




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

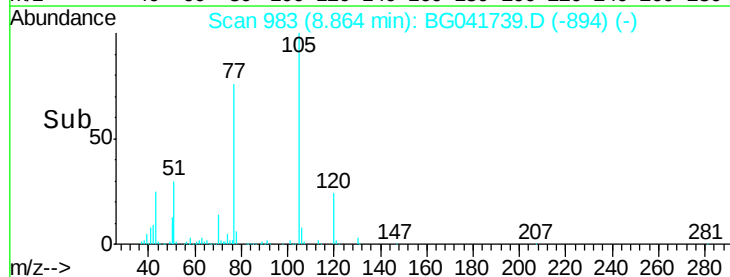
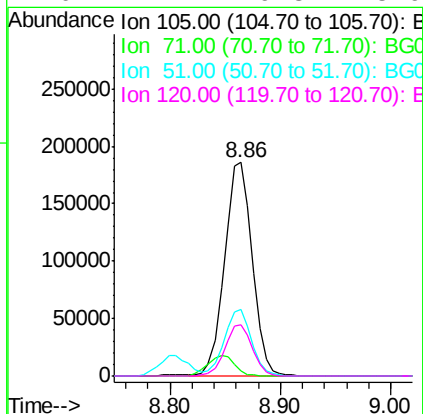
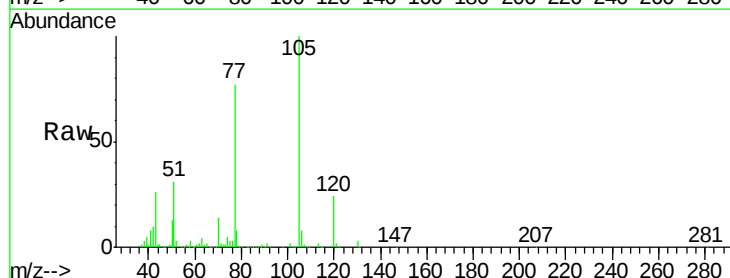
Instrument :
BNA_G
ClientSampleId :

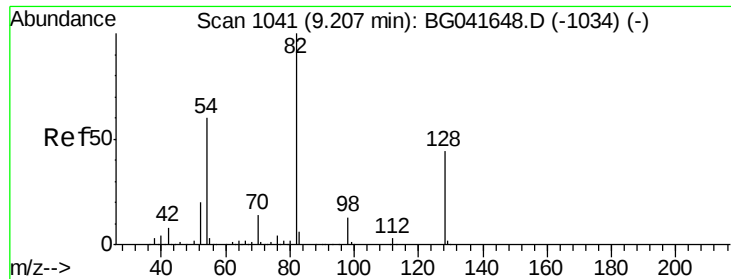
Tot Ion:136	Resp:	325775
Ion Ratio	Lower	Upper
136 100		
137 11.1	9.2	13.8
54 9.9	8.7	13.1
68 5.9	5.5	8.3



#22
Acetophenone
Concen: 41.062 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt	Ion:105	Resp:	325804
Ion	Ratio	Lower	Upper
105	100		
71	2.2	5.9	8.9#
51	31.0	27.7	41.5
120	24.2	19.3	28.9

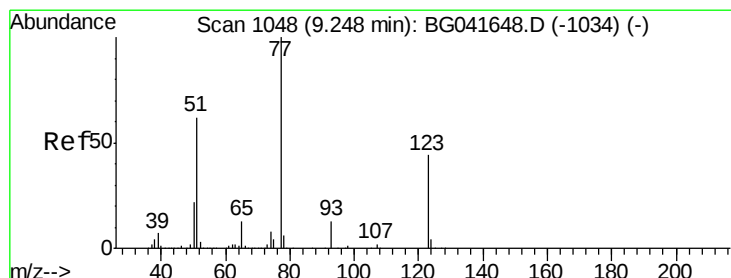
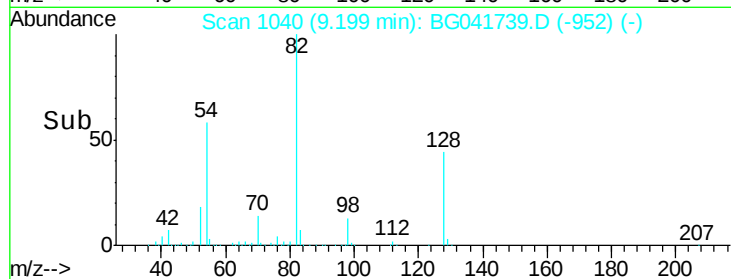
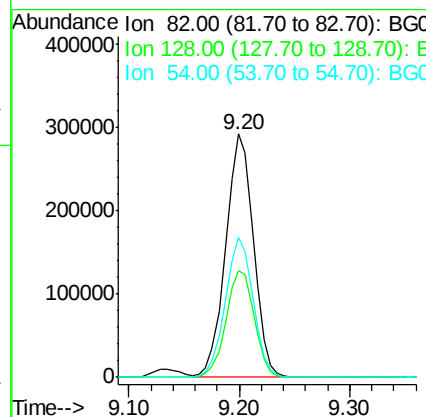
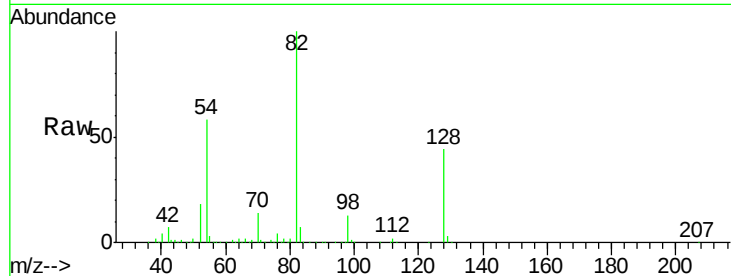




#23
 Nitrobenzene-d5
 Concen: 95.803 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

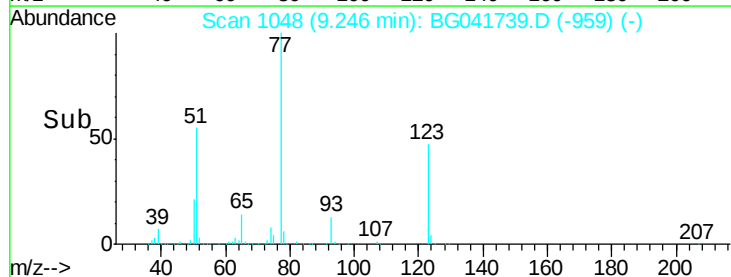
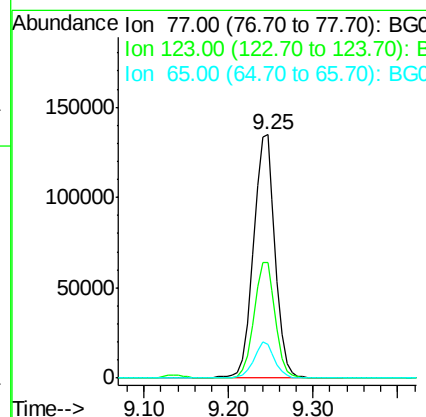
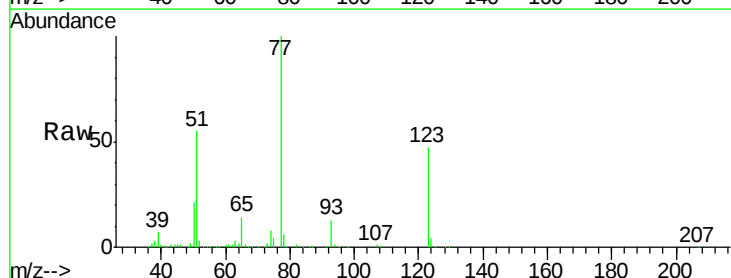
Instrument :
 BNA_G
 ClientSampled :

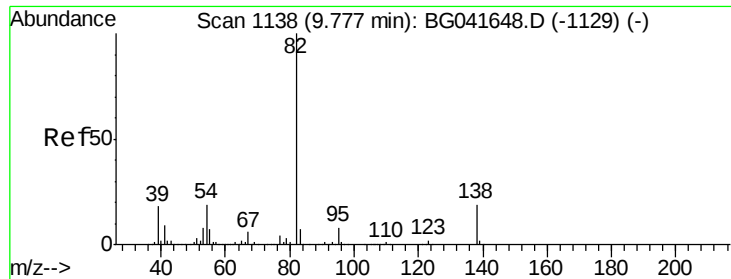
Tot Ion	82	Resp	513199
Ion Ratio	Lower	Upper	
82	100		
128	43.8	35.1	52.7
54	57.6	48.7	73.1



#24
 Nitrobenzene
 Concen: 41.205 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Tgt Ion	77	Resp	240786
Ion Ratio	Lower	Upper	
77	100		
123	47.5	38.1	57.1
65	14.0	11.0	16.6





#25

Isophorone

Concen: 39.118 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

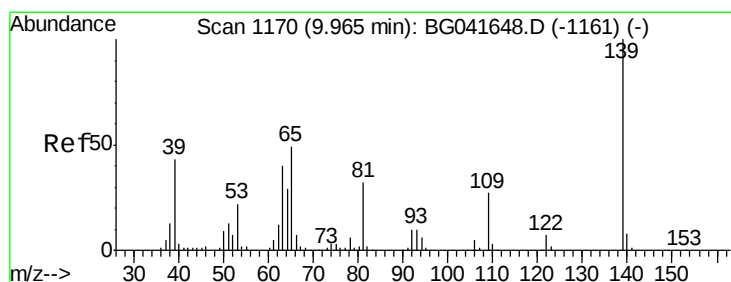
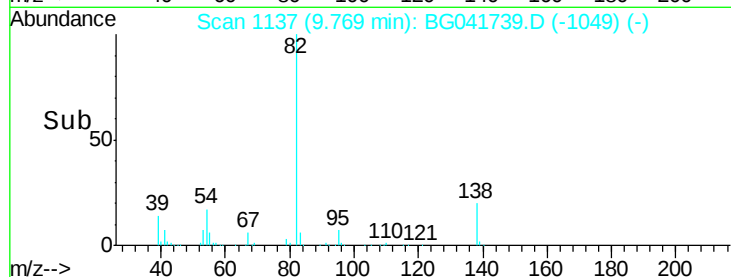
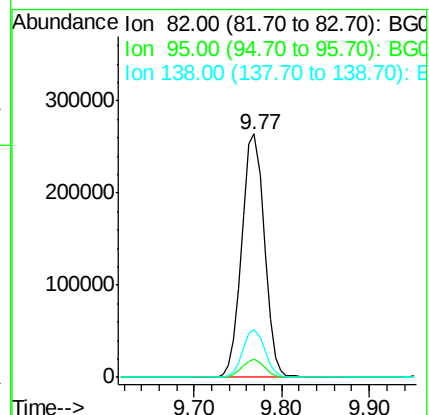
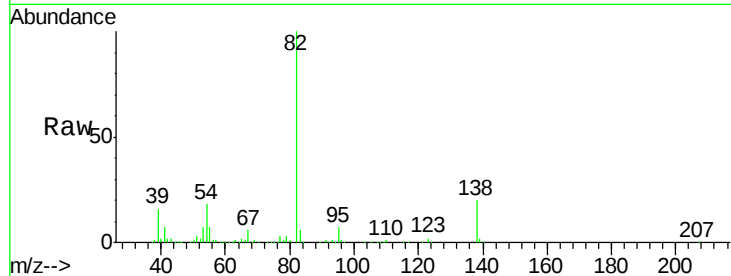
Tot Ion: 82 Resp: 458855

Ion Ratio Lower Upper

82 100

95 7.3 5.9 8.9

138 19.7 16.3 24.5



#26

2-Nitrophenol

Concen: 44.200 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

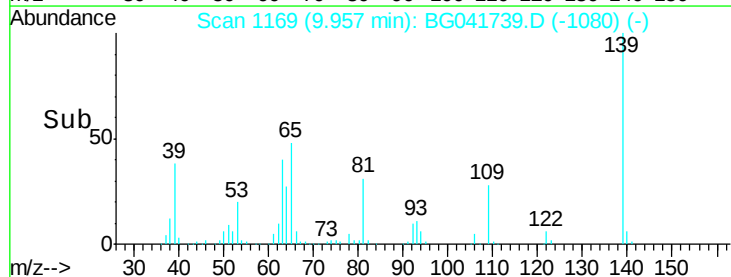
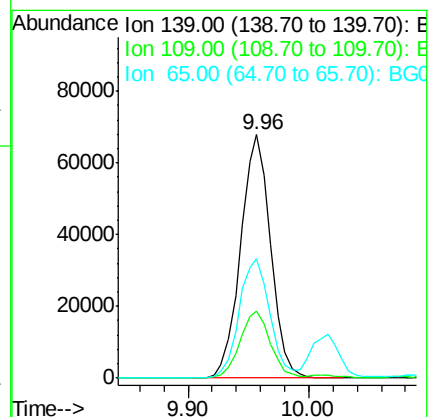
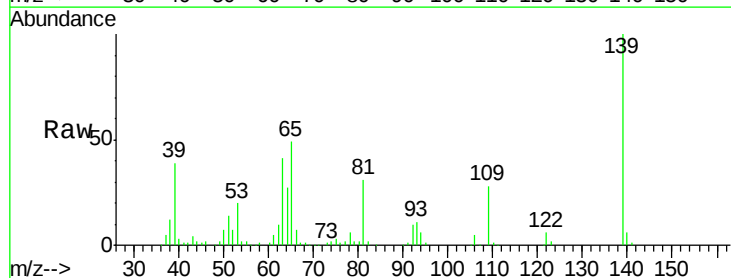
Tgt Ion: 139 Resp: 117397

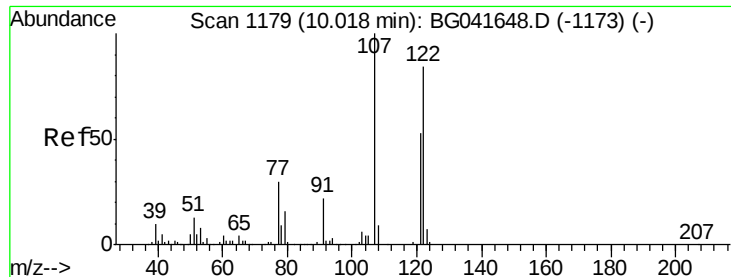
Ion Ratio Lower Upper

139 100

109 27.7 22.7 34.1

65 49.0 41.1 61.7

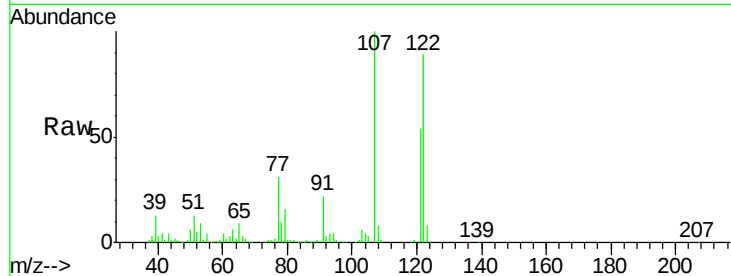




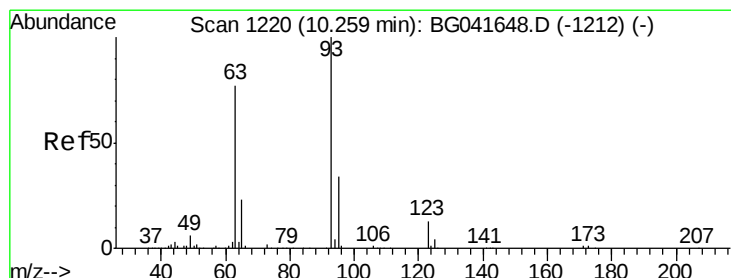
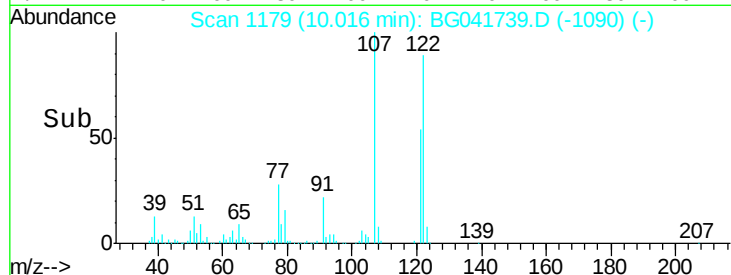
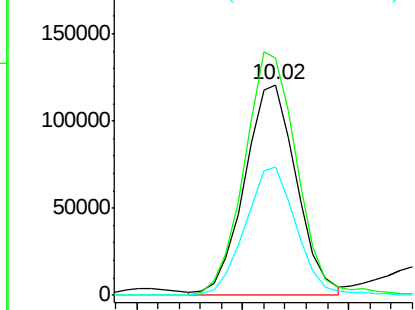
#27
 2,4-Dimethylphenol
 Concen: 44.031 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	91.3	136.9
121	60.9	49.2	73.8

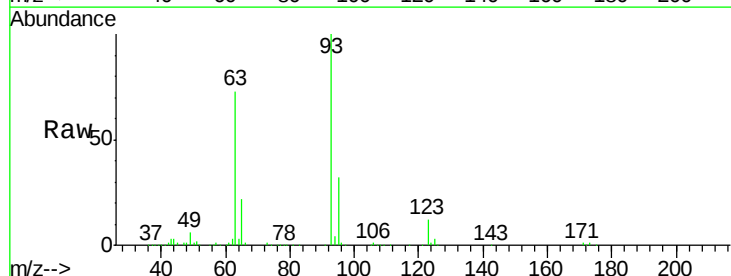


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

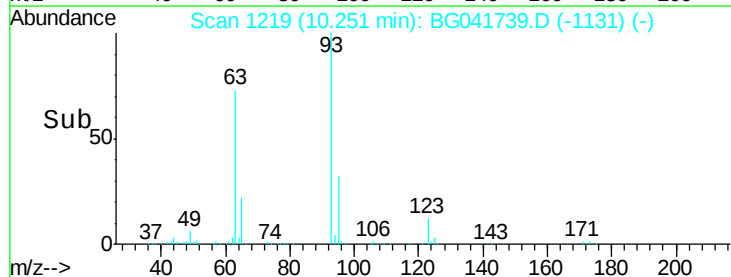
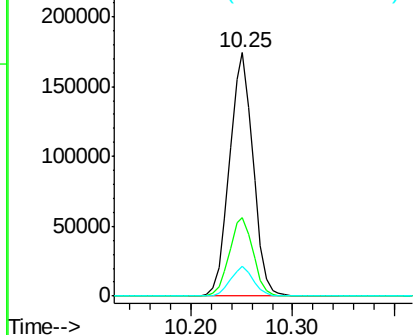


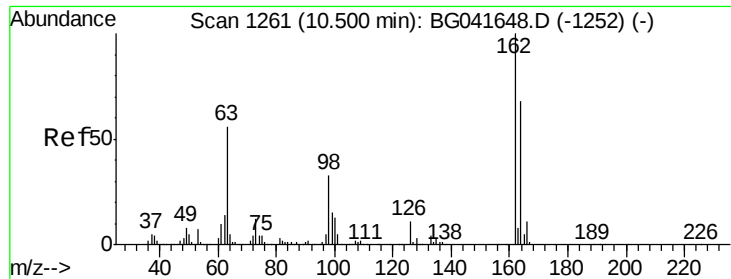
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.728 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	12.3	9.9	14.9



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

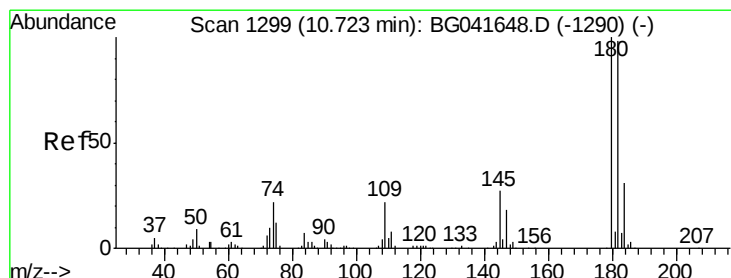
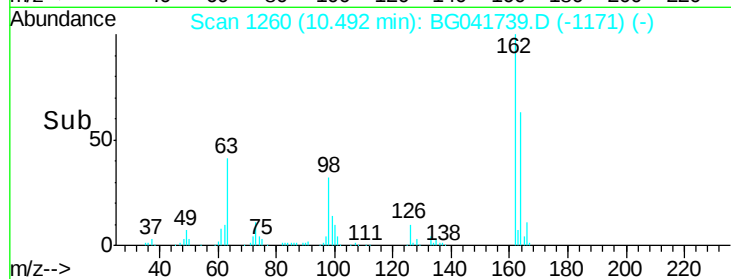
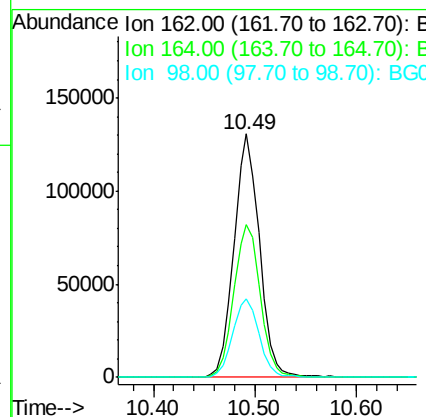
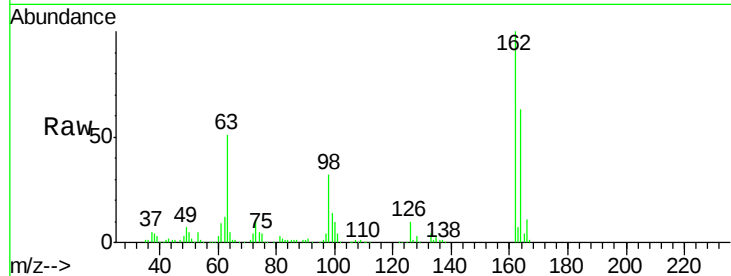




#29
2,4-Dichlorophenol
Concen: 43.029 ng
RT: 10.49 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

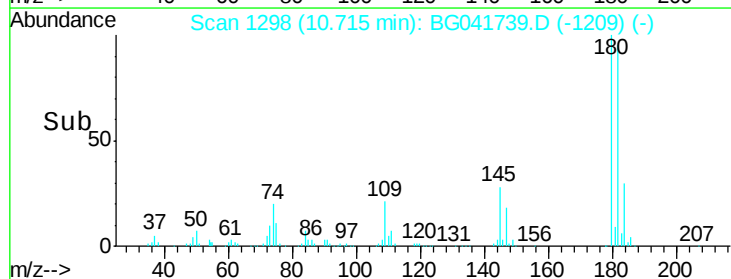
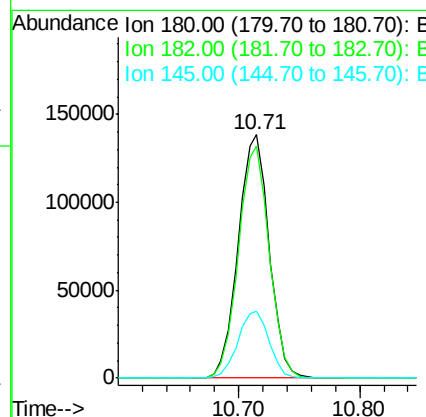
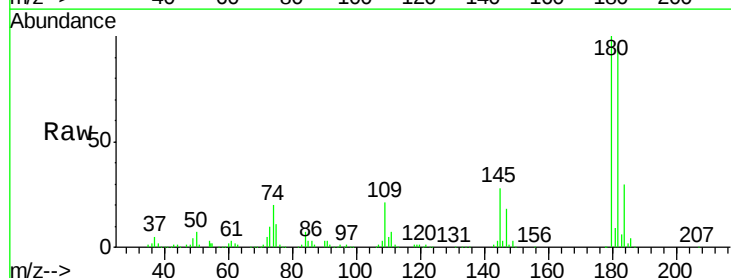
Instrument :
BNA_G
ClientSampleId :

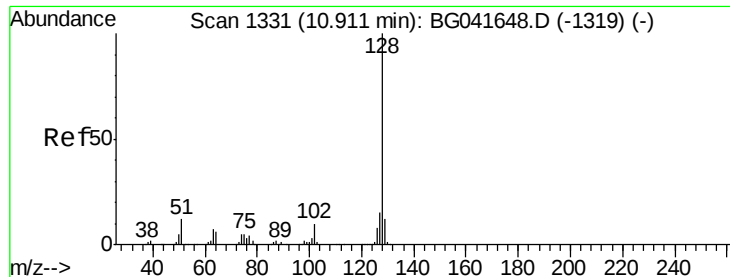
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	46.1	86.1
98	32.0	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 39.722 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.2
145	27.7	23.8	35.8

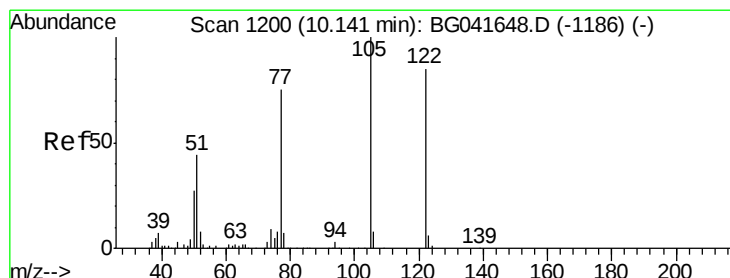
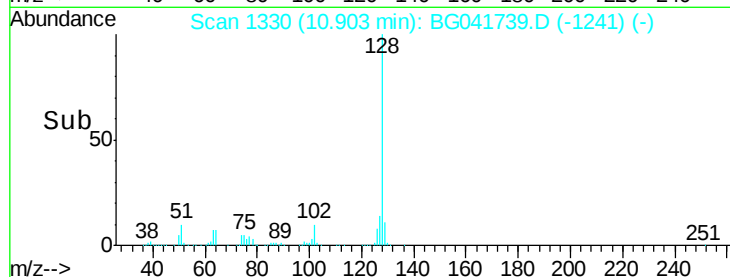
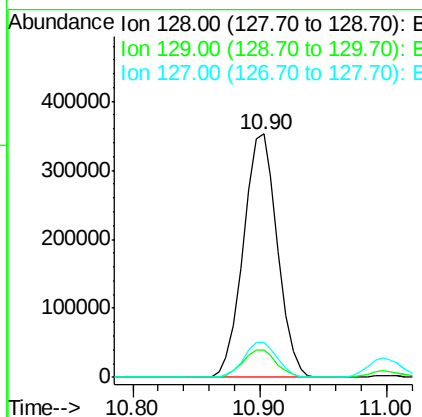
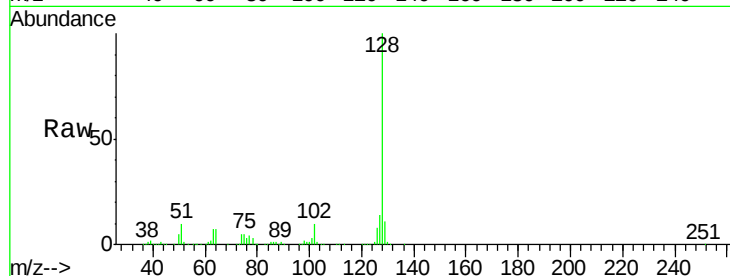




#31
Naphthalene
Concen: 40.803 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

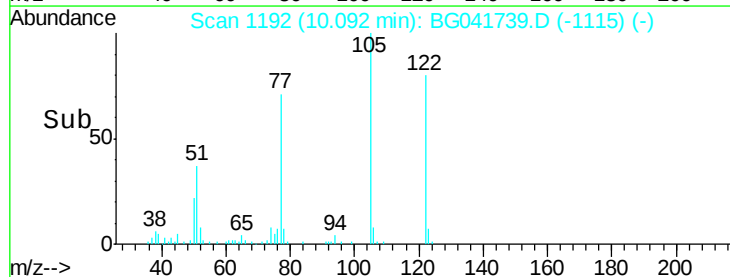
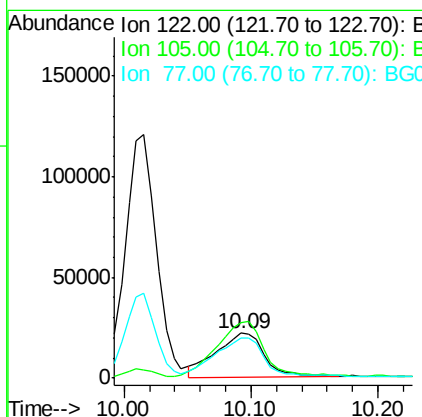
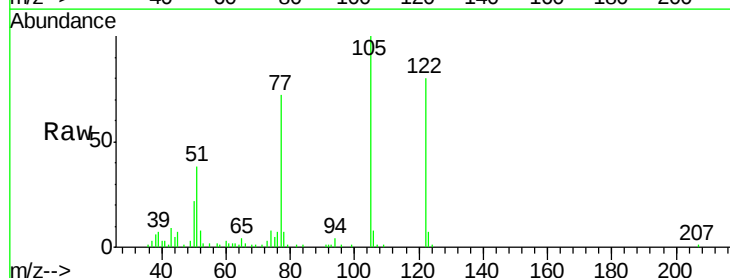
Instrument :
BNA_G
ClientSampleId :

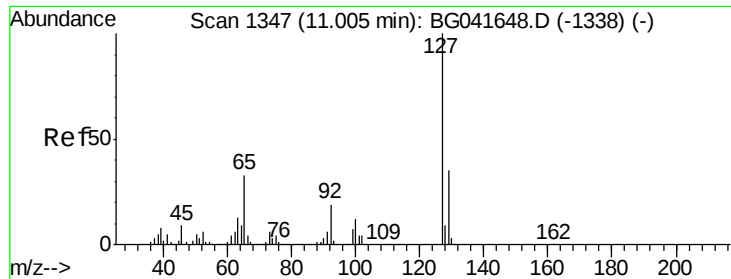
Tot Ion:128 Resp: 654414
Ion Ratio Lower Upper
128 100
129 11.2 10.0 15.0
127 14.1 12.3 18.5



#32
Benzoic acid
Concen: 20.141 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.08 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion:122 Resp: 56909
Ion Ratio Lower Upper
122 100
105 124.5 101.5 141.5
77 89.6 73.0 113.0

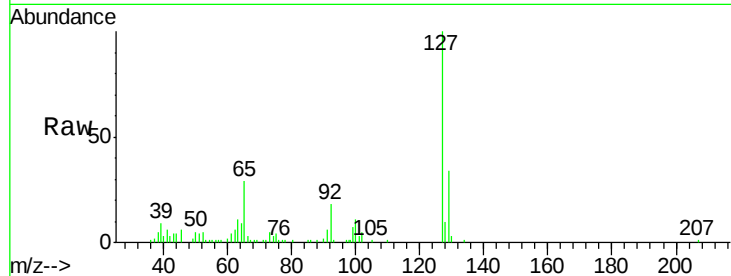




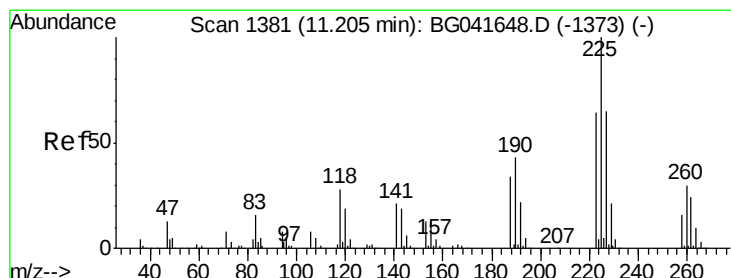
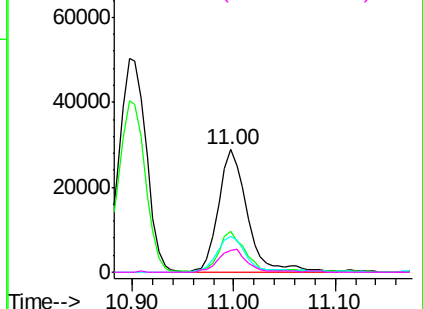
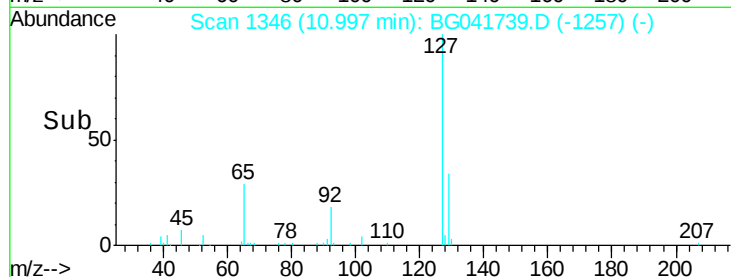
#33
4-Chloroaniline
Concen: 7.784 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	57587
Ion	Ratio	Lower	Upper
127	100		
129	33.6	25.8	38.8
65	29.1	26.7	40.1
92	17.9	15.4	23.0

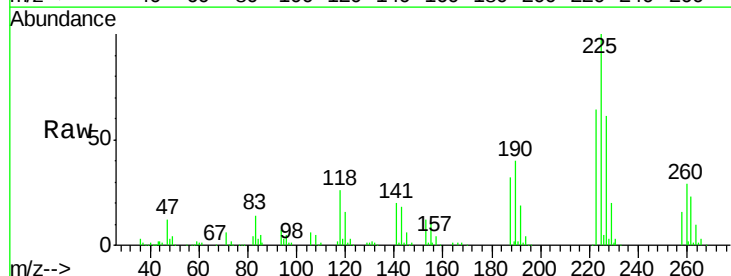


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

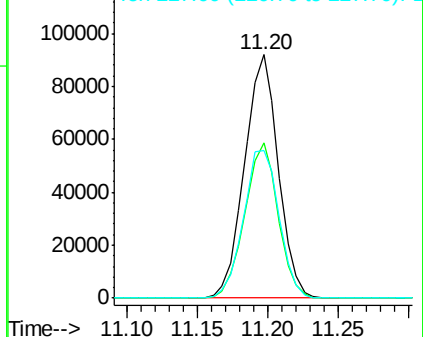
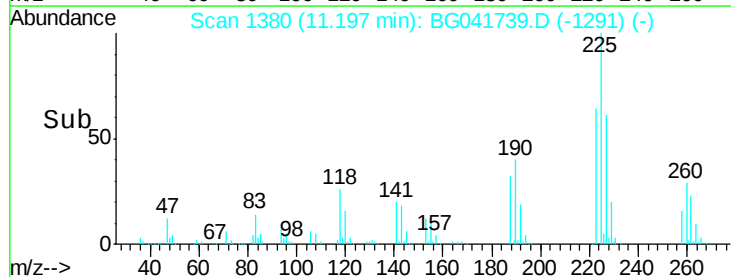


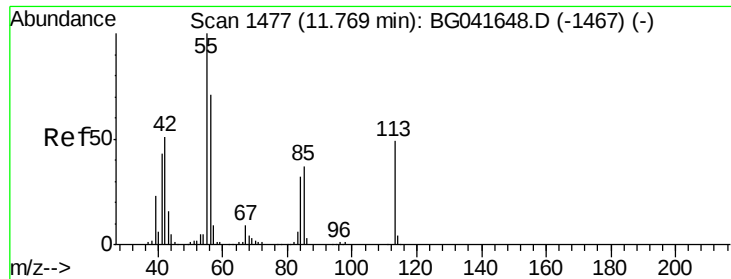
#34
Hexachlorobutadiene
Concen: 38.493 ng
RT: 11.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion:	225	Resp:	153712
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.1	76.7
227	60.7	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 33.095 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.03 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

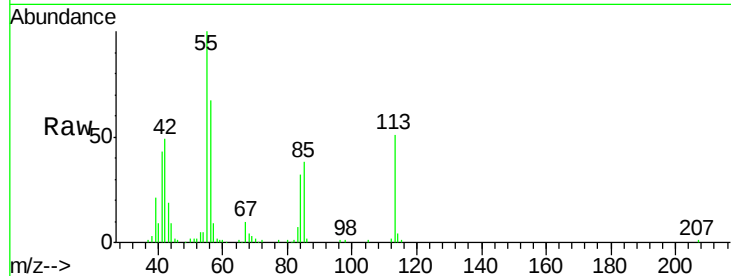
Tot Ion:113 Resp: 64368

Ion Ratio Lower Upper

113 100

55 196.9 199.4 239.4#

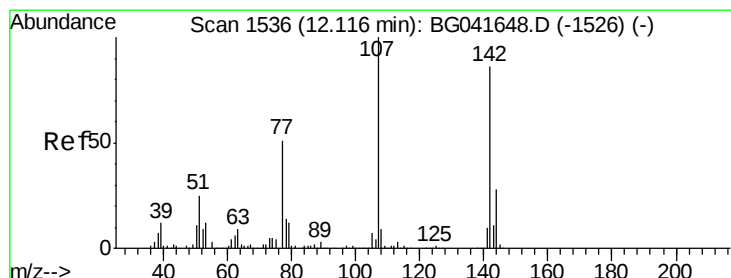
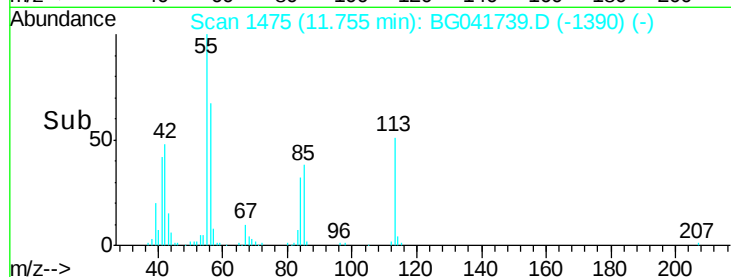
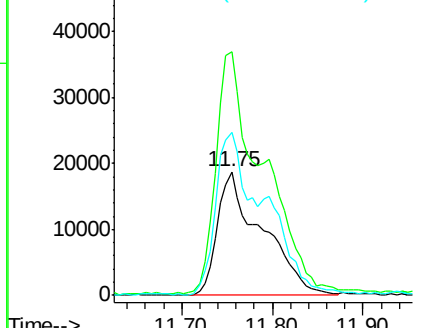
56 131.3 133.6 173.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.483 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

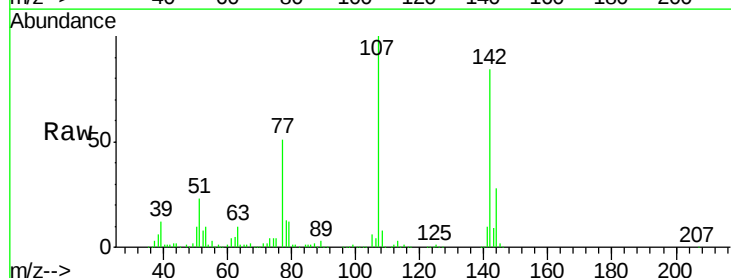
Tgt Ion:107 Resp: 241045

Ion Ratio Lower Upper

107 100

144 27.7 22.2 33.2

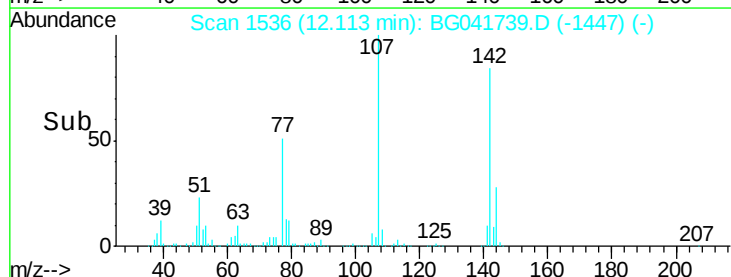
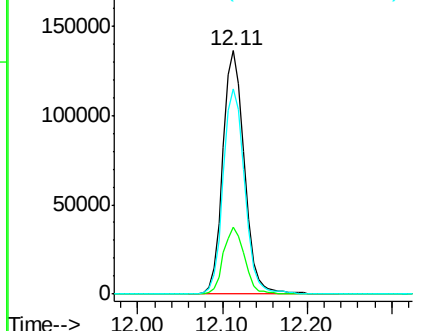
142 84.1 67.3 100.9

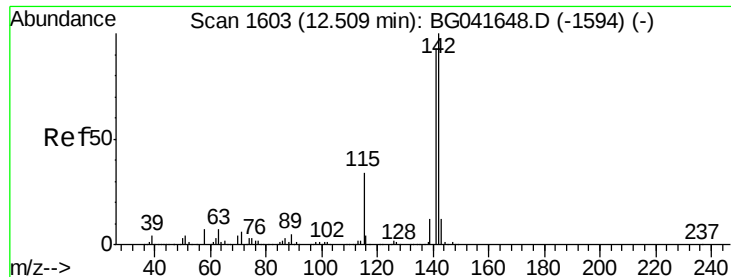


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

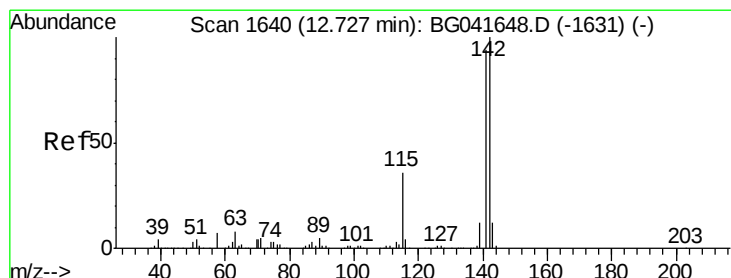
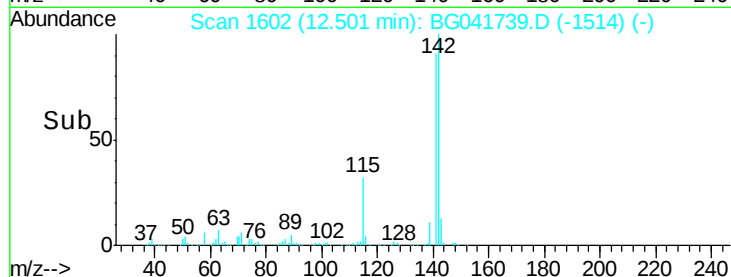
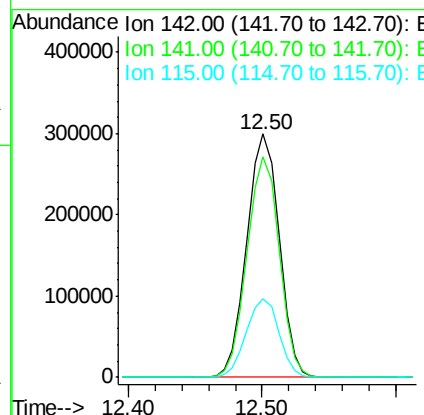
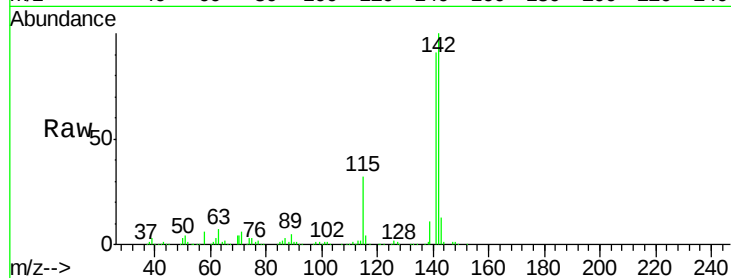




#37
 2-Methylnaphthalene
 Concen: 41.116 ng
 RT: 12.50 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

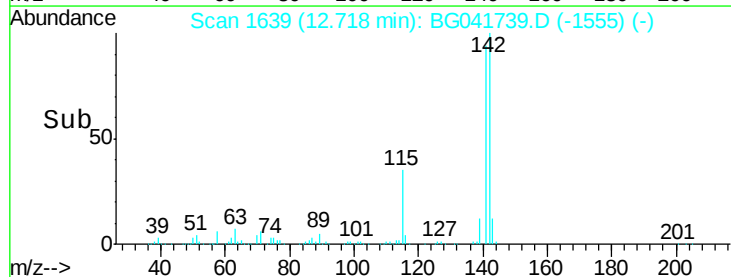
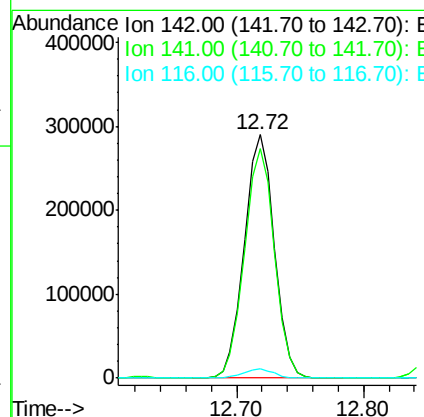
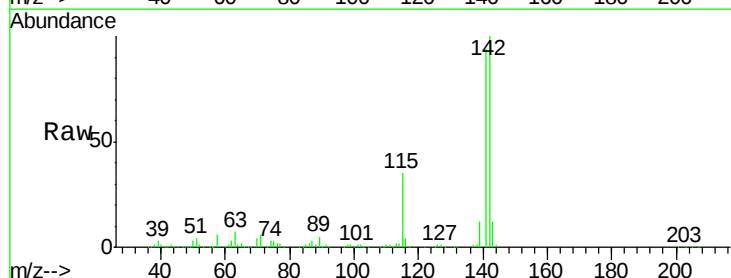
Instrument :
 BNA_G
 ClientSampleId :

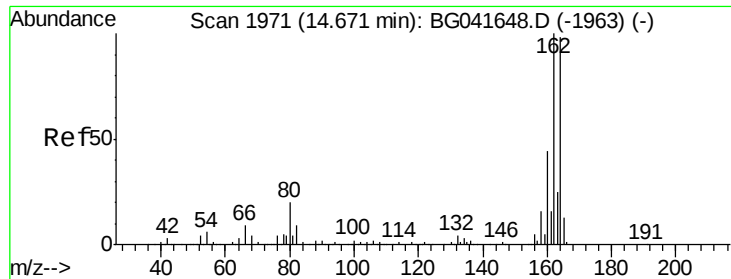
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.7	109.1
115	32.0	27.0	40.4



#38
 1-Methylnaphthalene
 Concen: 40.543 ng
 RT: 12.72 min Scan# 1639
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.4	113.2
116	4.0	3.2	4.8

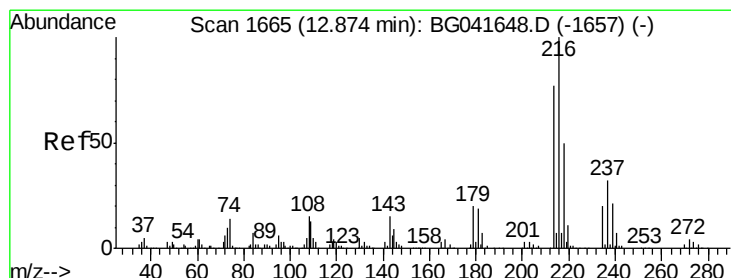
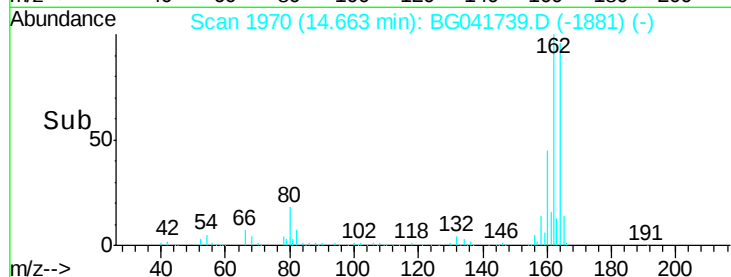
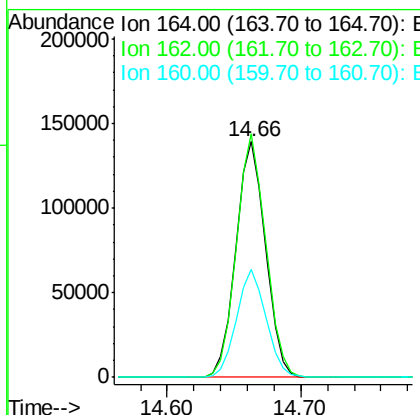
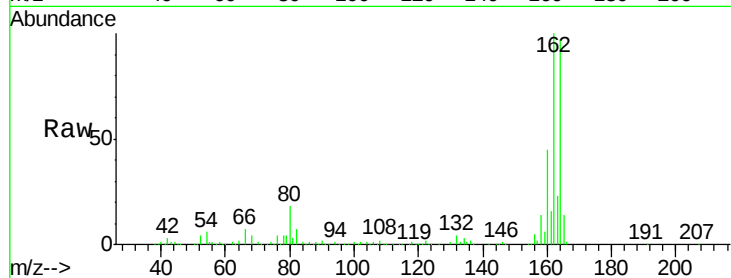




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

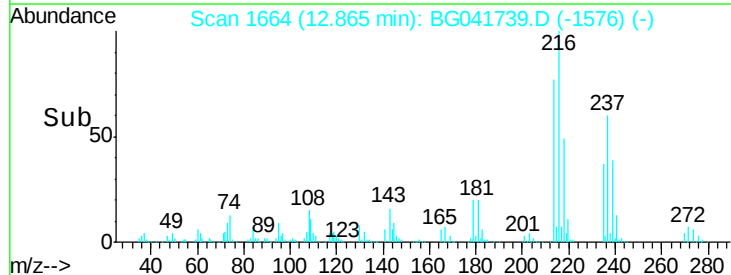
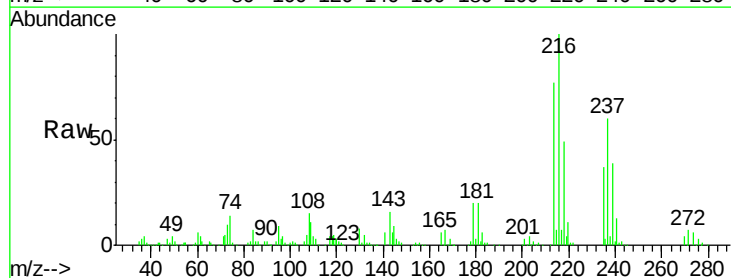
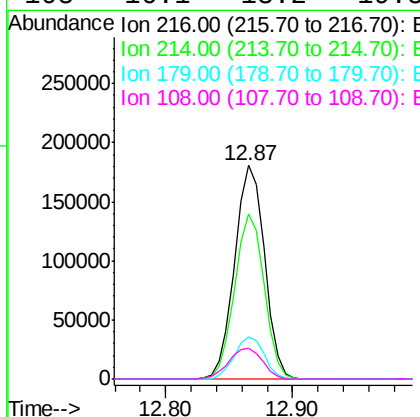
Instrument :
BNA_G
ClientSampleId :

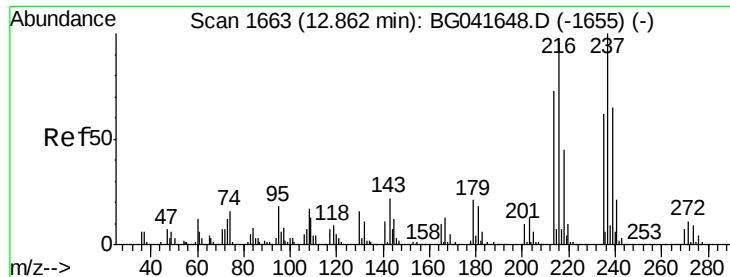
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	79.6	119.4
160	46.1	35.4	53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.147 ng
RT: 12.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.3	61.5	92.3
179	19.8	16.2	24.2
108	16.1	13.2	19.8

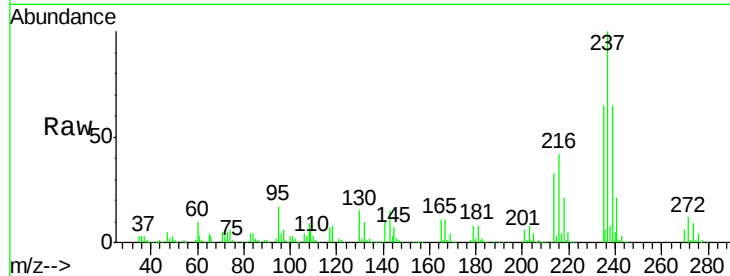




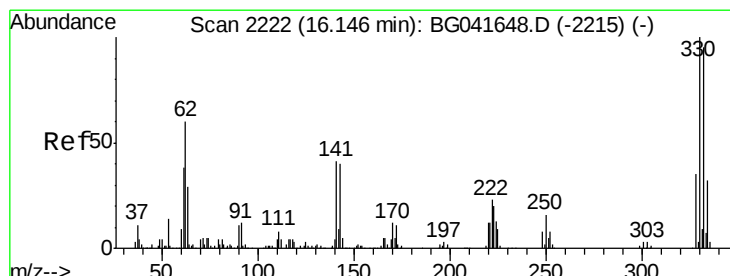
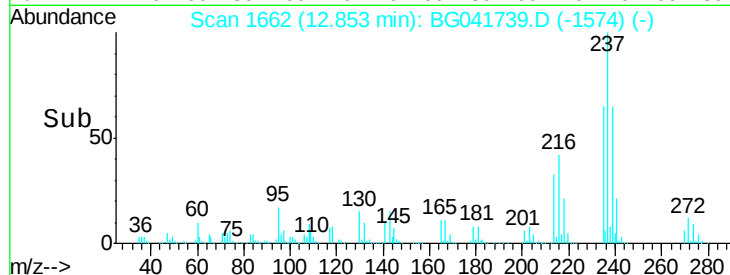
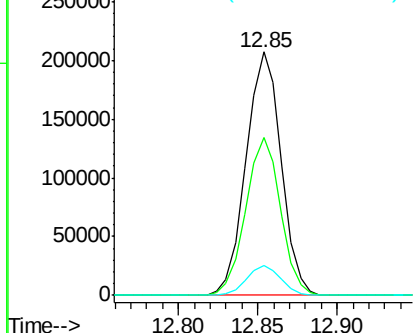
#41
Hexachlorocyclopentadiene
Concen: 76.868 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 318586
Ion Ratio Lower Upper
237 100
235 64.9 43.5 83.5
272 12.2 0.0 31.2

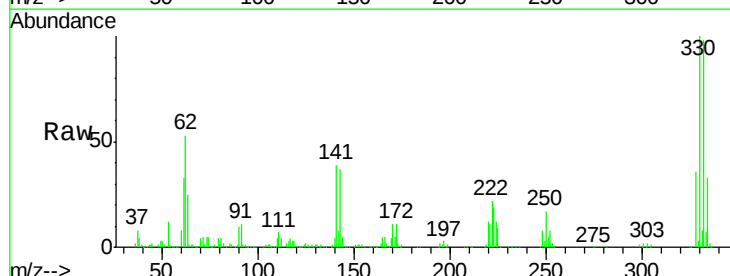


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

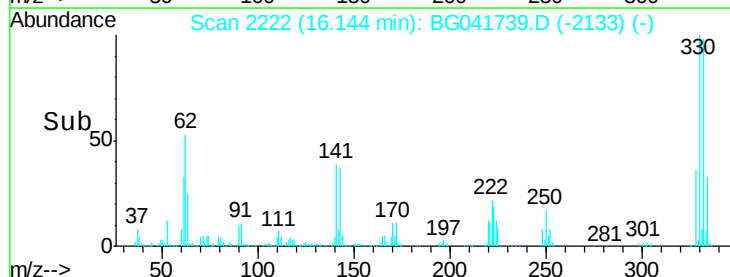
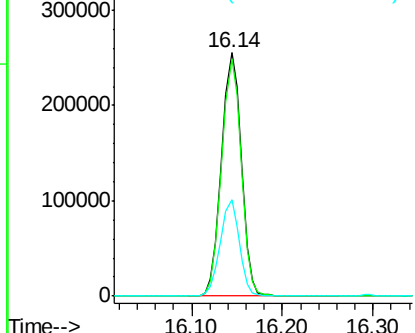


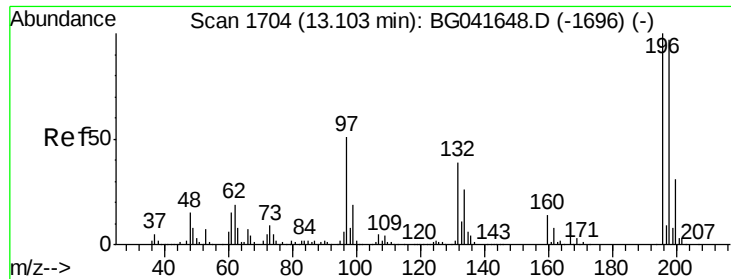
#42
2,4,6-Tribromophenol
Concen: 161.020 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion:330 Resp: 388150
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 37.8 31.9 47.9



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

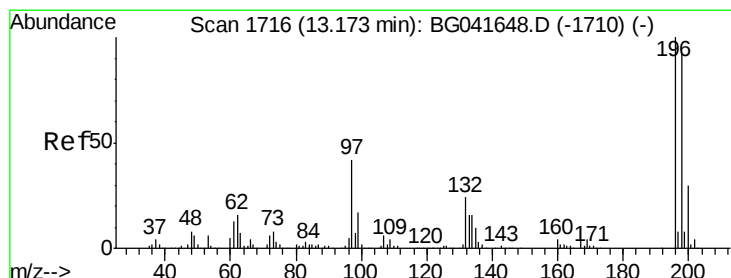
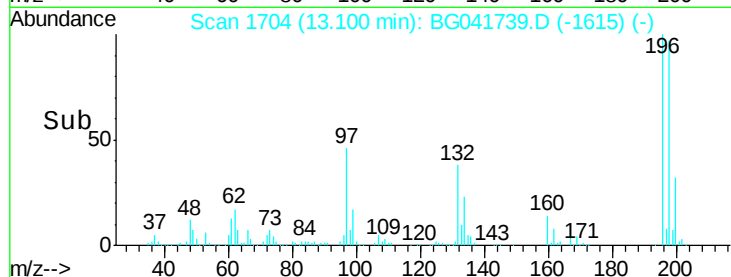
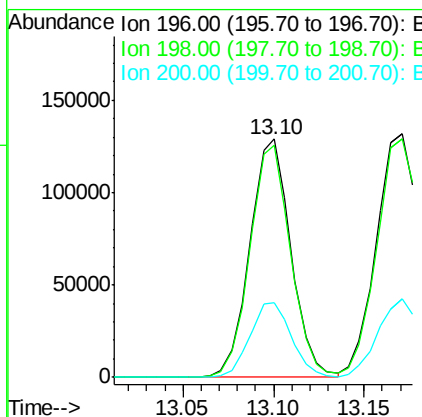
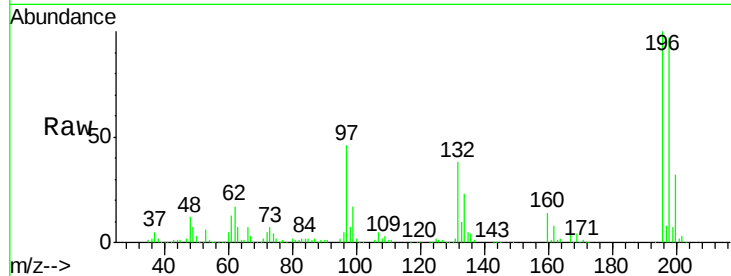




#43
 2,4,6-Trichlorophenol
 Concen: 42.890 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

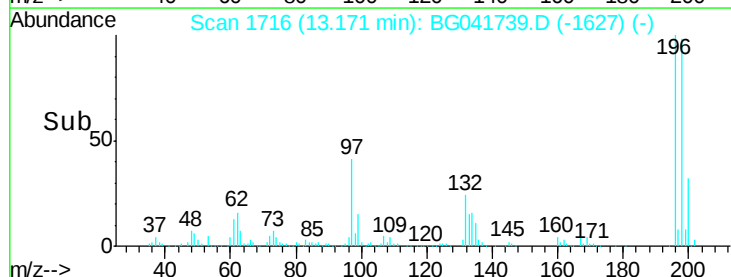
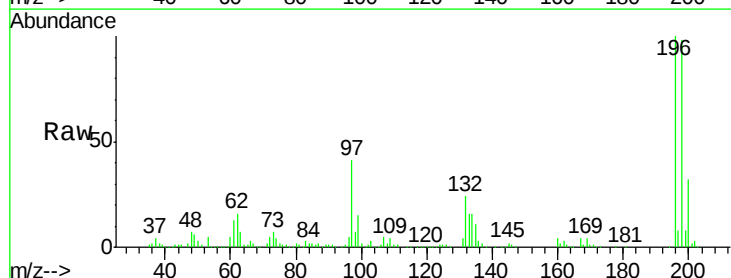
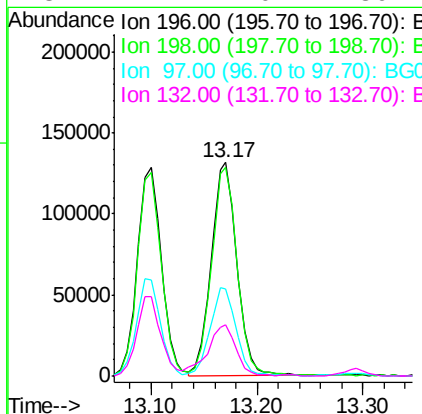
Instrument :
 BNA_G
 ClientSampleId :

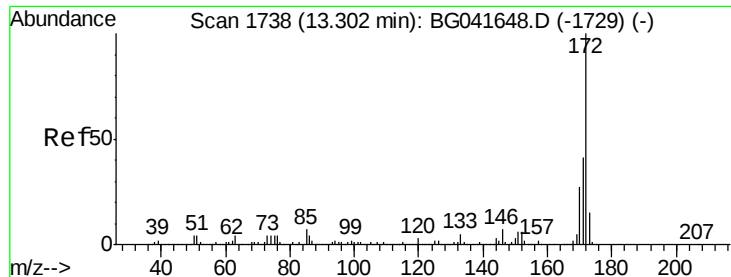
Tot Ion:196 Resp: 204185
 Ion Ratio Lower Upper
 196 100
 198 97.2 79.6 119.4
 200 31.6 25.2 37.8



#44
 2,4,5-Trichlorophenol
 Concen: 44.701 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Tgt Ion:196 Resp: 224213
 Ion Ratio Lower Upper
 196 100
 198 97.9 80.6 121.0
 97 40.8 33.9 50.9
 132 24.2 20.2 30.2



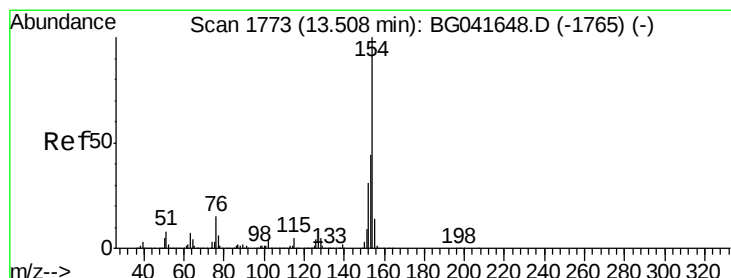
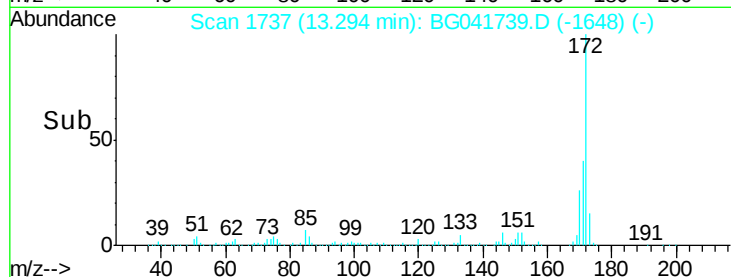
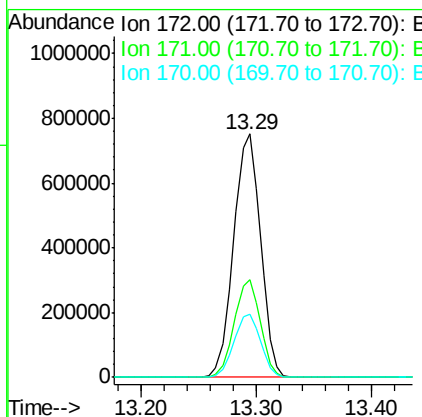
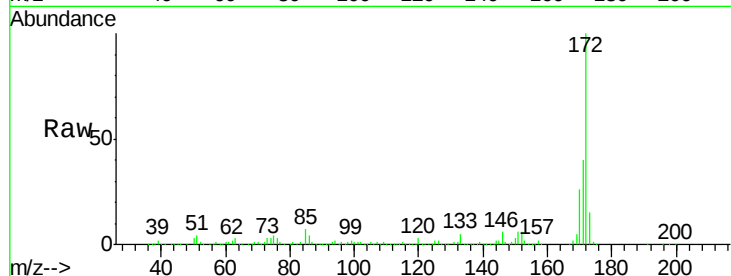


#45
 2-Fluorobiphenyl
 Concen: 87.752 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1212136

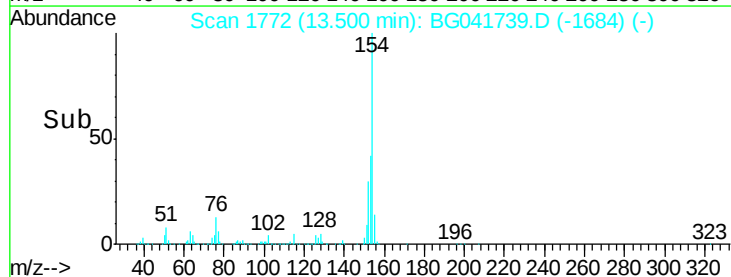
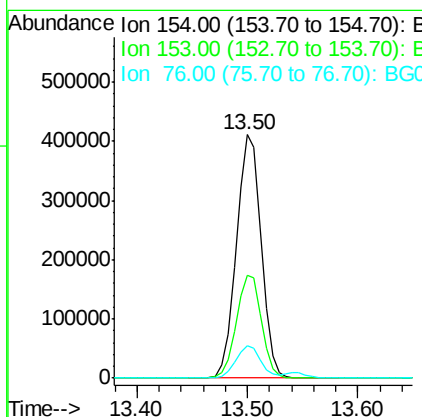
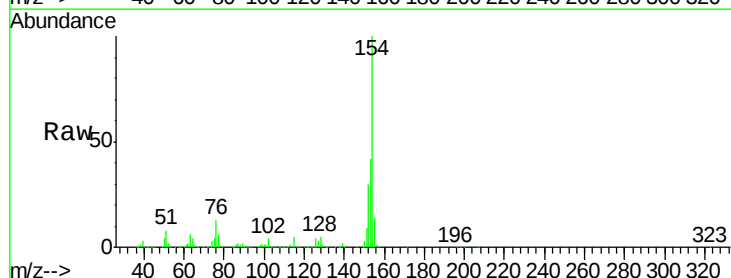
Ion	Ratio	Lower	Upper
172	100		
171	40.0	35.0	52.4
170	25.9	23.5	35.3

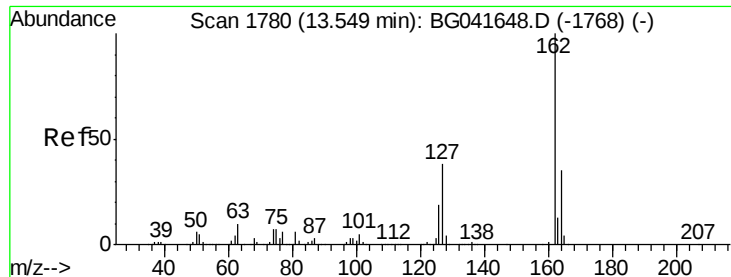


#46
 1,1'-Biphenyl
 Concen: 40.323 ng
 RT: 13.50 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Tgt Ion:154 Resp: 646168

Ion	Ratio	Lower	Upper
154	100		
153	42.5	25.0	65.0
76	13.5	0.0	34.5

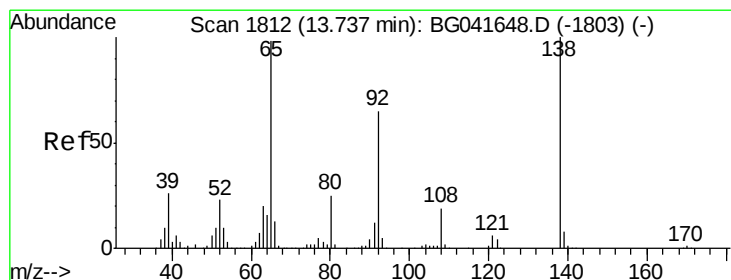
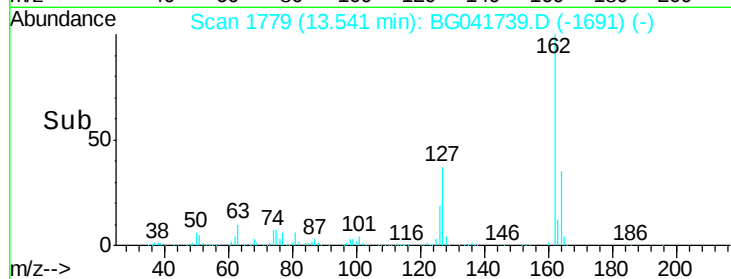
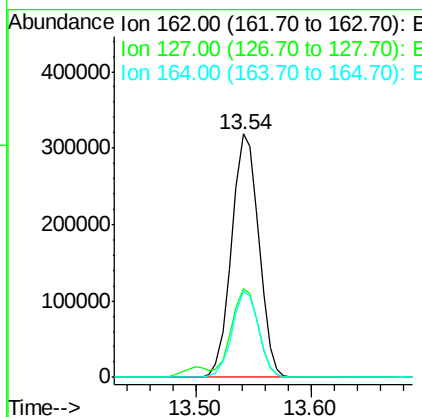
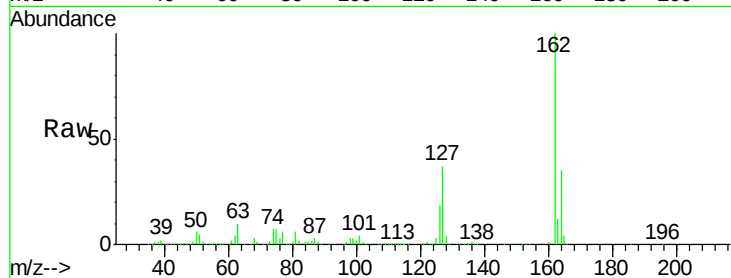




#47
2-Chloronaphthalene
Concen: 38.888 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

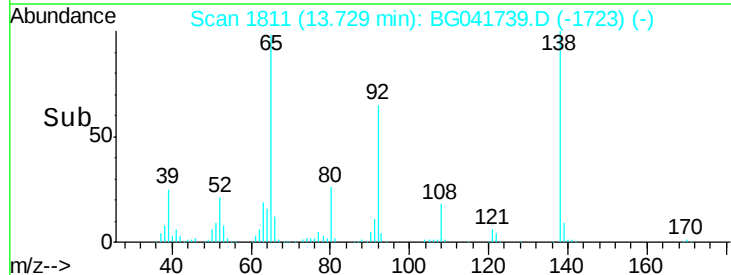
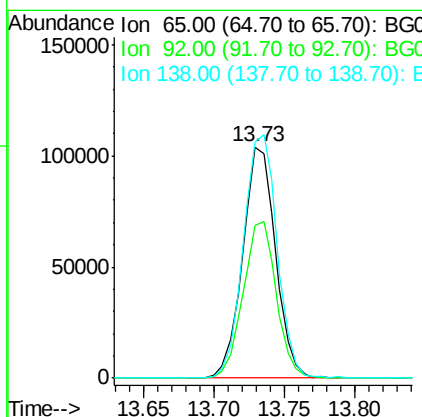
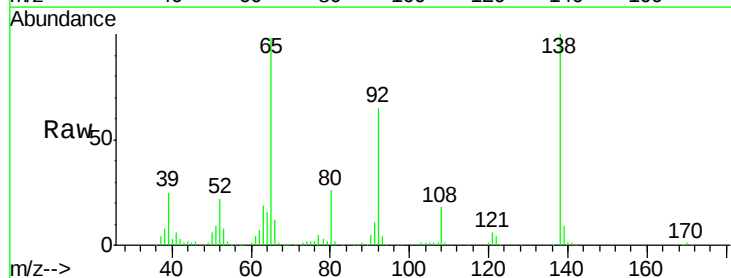
Instrument :
BNA_G
ClientSampleId :

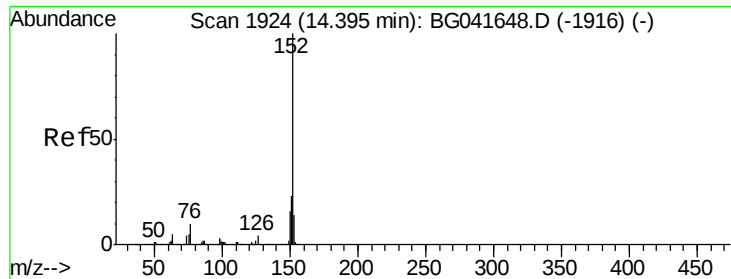
Tot Ion:162 Resp: 519363
Ion Ratio Lower Upper
162 100
127 36.6 30.4 45.6
164 35.4 28.6 42.8



#48
2-Nitroaniline
Concen: 43.816 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion: 65 Resp: 170378
Ion Ratio Lower Upper
65 100
92 66.0 53.9 80.9
138 102.0 83.5 125.3





#49

Acenaphthylene

Concen: 40.916 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

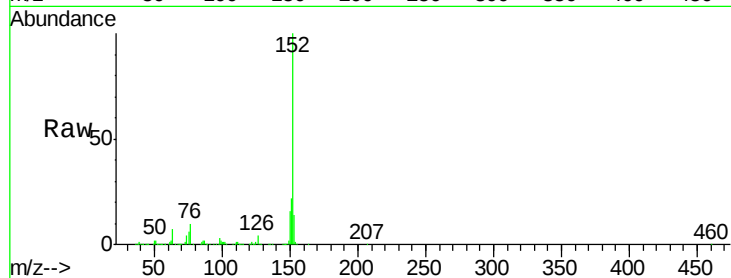
Tot Ion:152 Resp: 853066

Ion Ratio Lower Upper

152 100

151 22.5 18.7 28.1

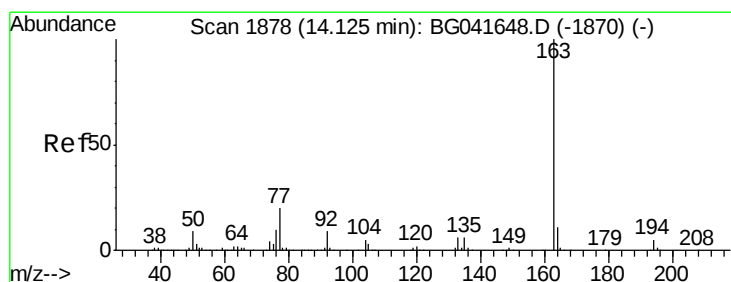
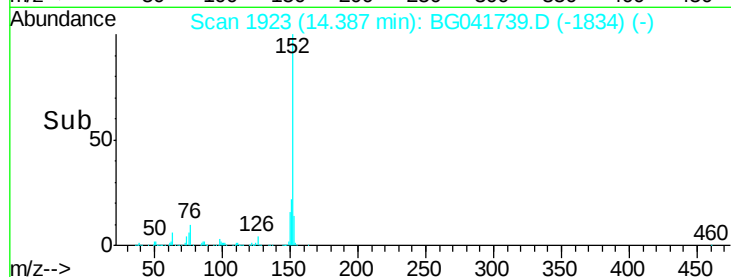
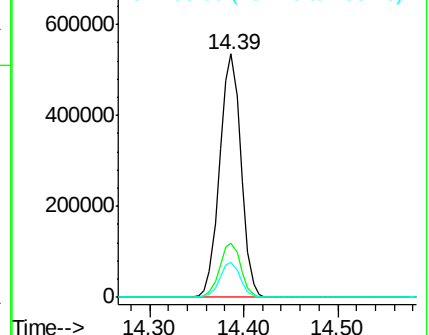
153 14.2 12.4 18.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.393 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

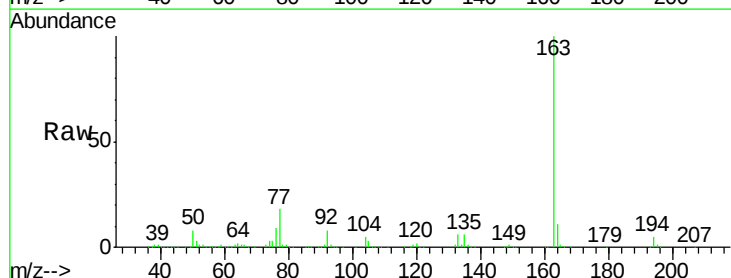
Tgt Ion:163 Resp: 762560

Ion Ratio Lower Upper

163 100

194 5.2 4.2 6.2

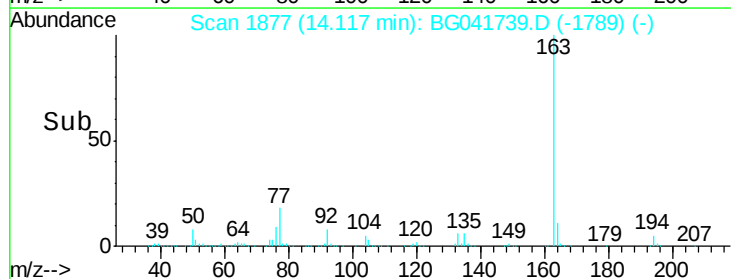
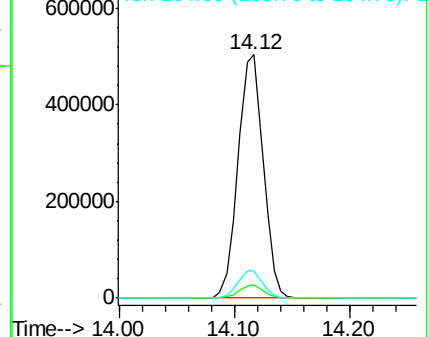
164 11.1 9.4 14.2

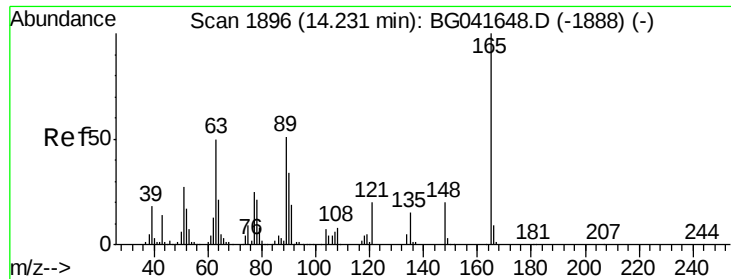


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

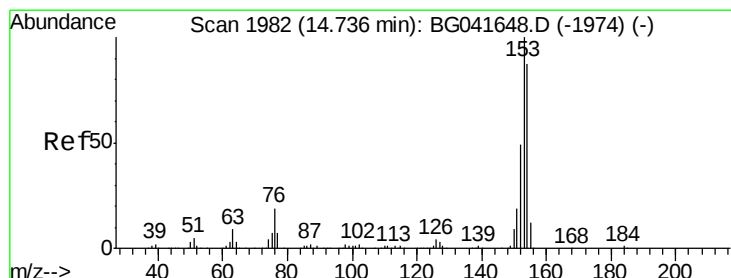
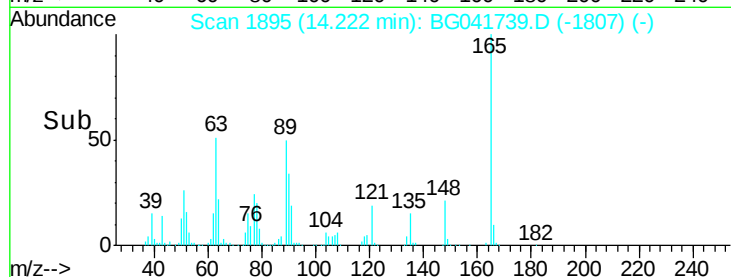
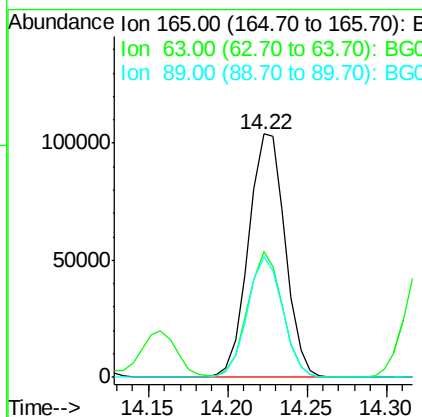
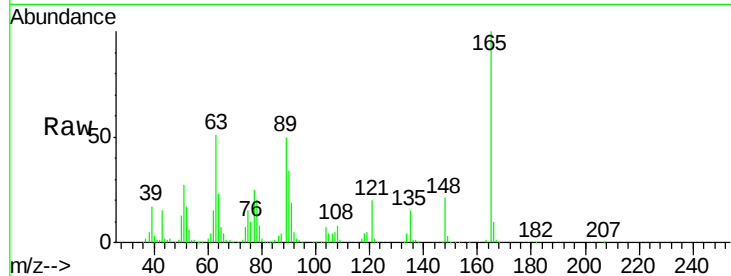




#51
 2,6-Dinitrotoluene
 Concen: 46.843 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

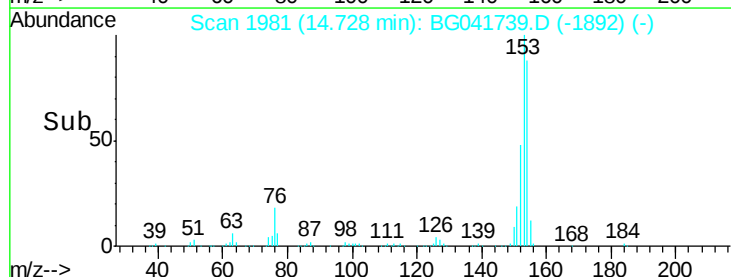
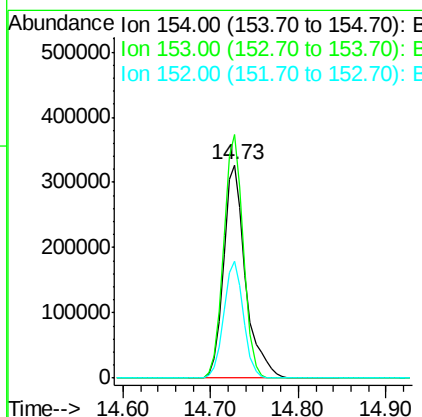
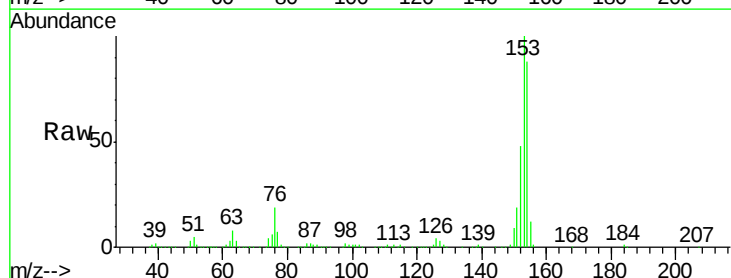
Instrument :
 BNA_G
 ClientSampleId :

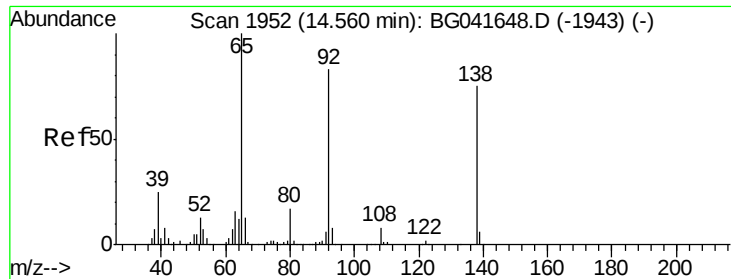
Tot Ion	Ratio	Lower	Upper
165	100		
63	51.4	42.4	63.6
89	49.8	42.1	63.1



#52
 Acenaphthene
 Concen: 42.749 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	89.8	134.6
152	55.0	44.9	67.3

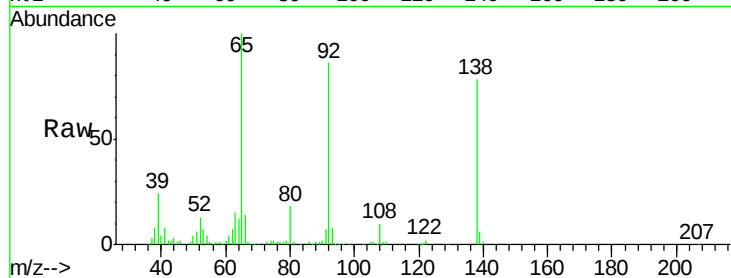




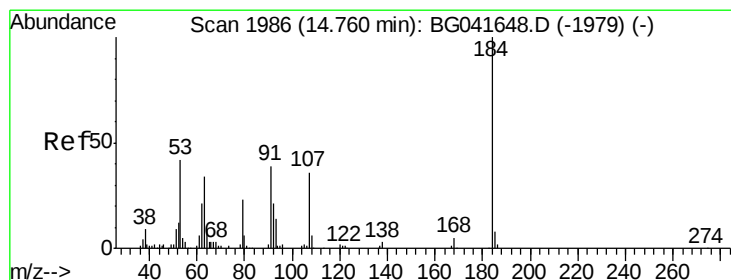
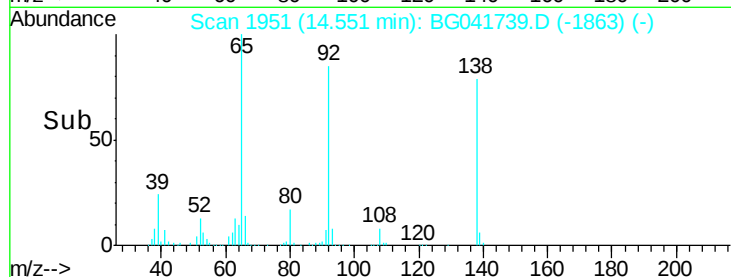
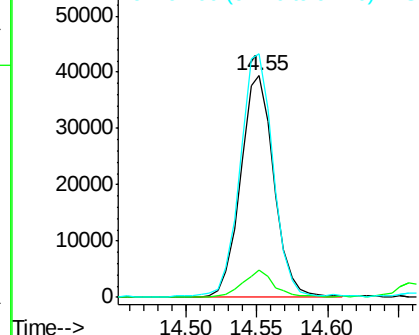
#53
3-Nitroaniline
Concen: 16.660 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 64803
Ion Ratio Lower Upper
138 100
108 12.1 10.3 15.5
92 110.0 93.0 139.4

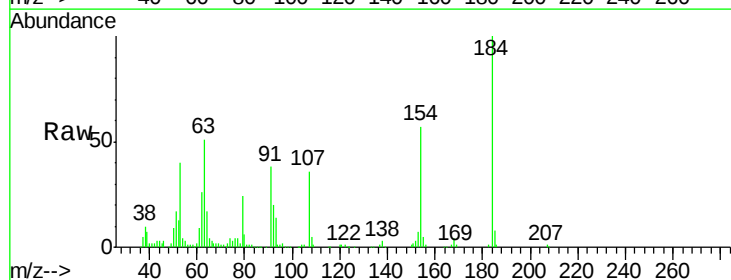


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

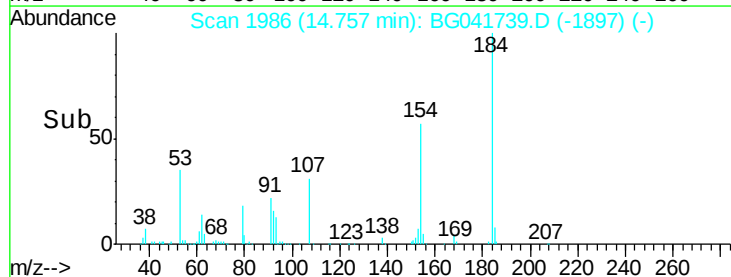
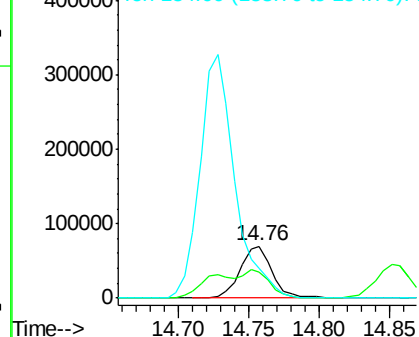


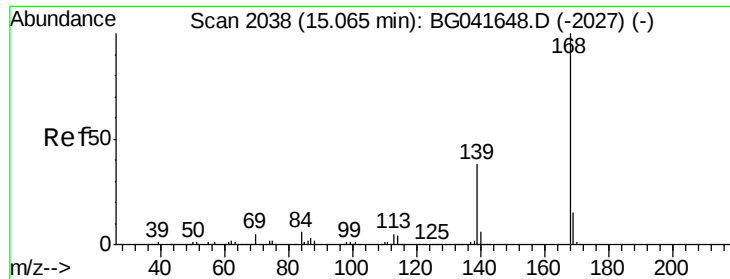
#54
2,4-Dinitrophenol
Concen: 62.699 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion:184 Resp: 109579
Ion Ratio Lower Upper
184 100
63 50.8 43.2 64.8
154 56.6 51.4 77.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 42.590 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

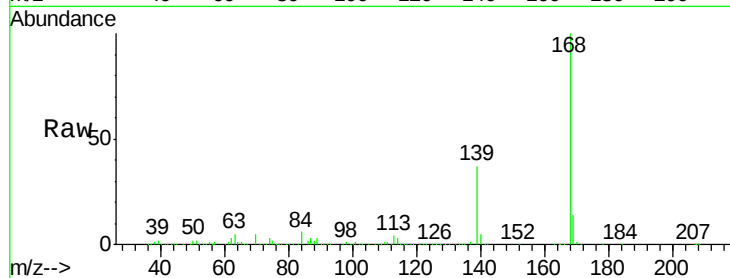
Tot Ion:168 Resp: 839696

Ion Ratio Lower Upper

168 100

139 37.0 31.9 47.9

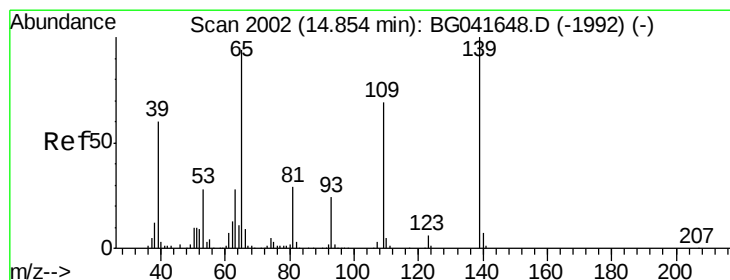
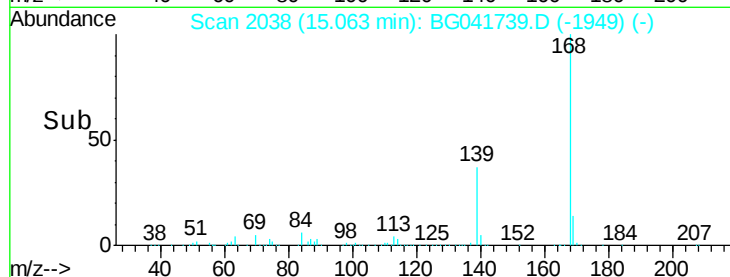
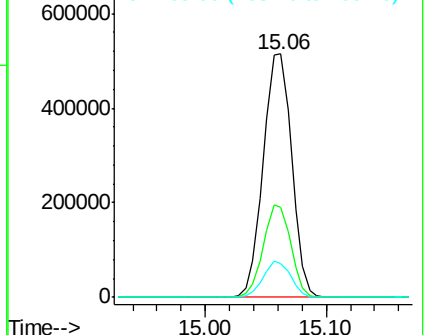
169 14.0 12.5 18.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.744 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

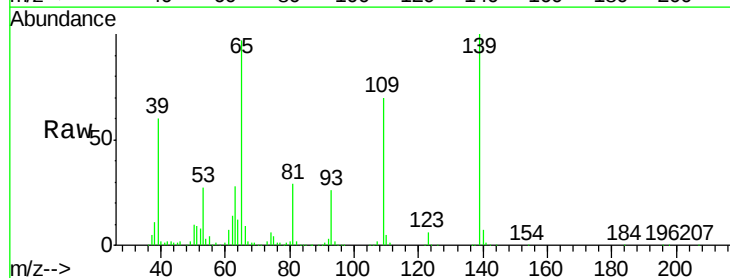
Tgt Ion:139 Resp: 285774

Ion Ratio Lower Upper

139 100

109 69.9 51.3 91.3

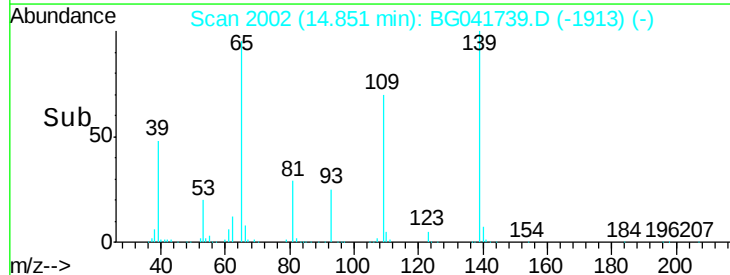
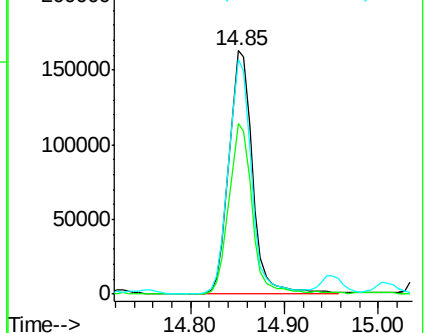
65 96.5 77.6 117.6

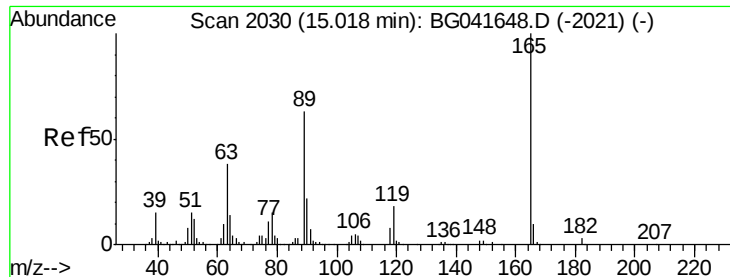


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

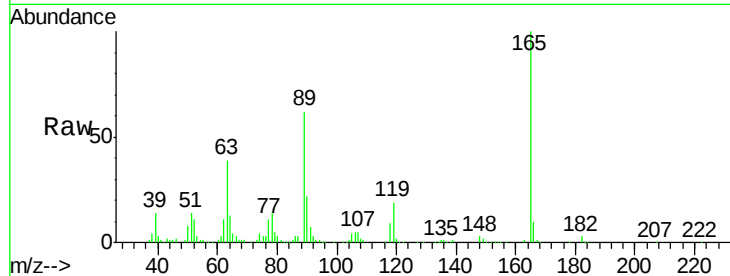




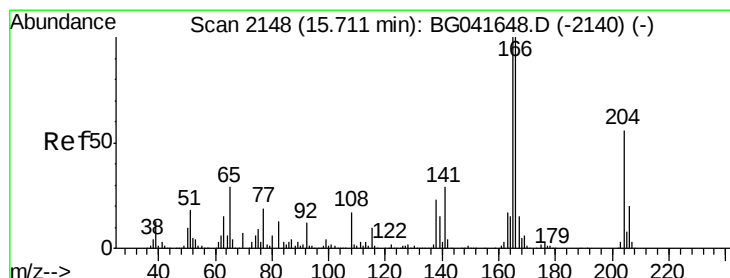
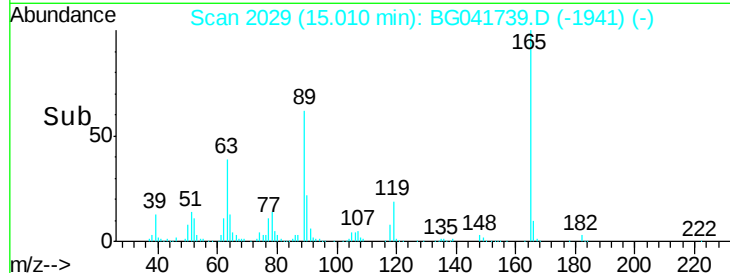
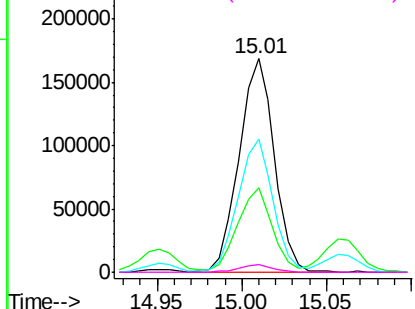
#57
 2,4-Dinitrotoluene
 Concen: 51.418 ng
 RT: 15.01 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 242193
 Ion Ratio Lower Upper
 165 100
 63 39.3 31.7 47.5
 89 62.1 50.2 75.4
 182 3.5 2.6 4.0

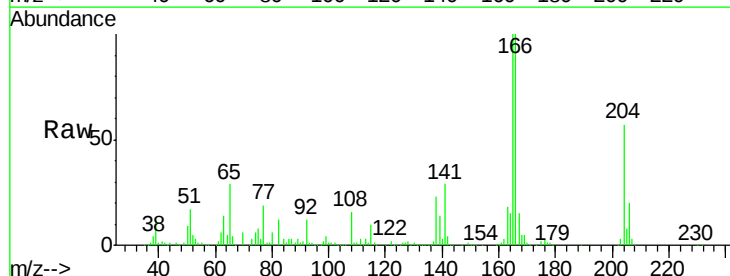


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

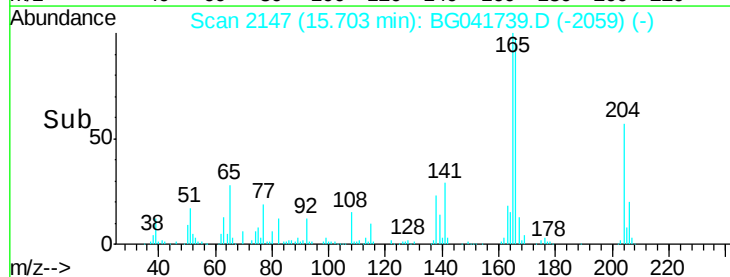
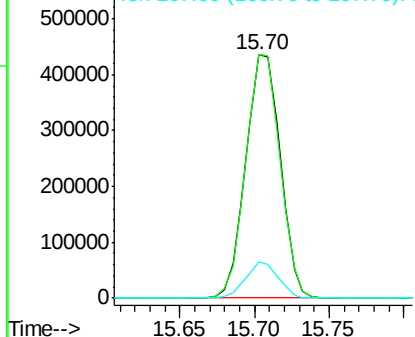


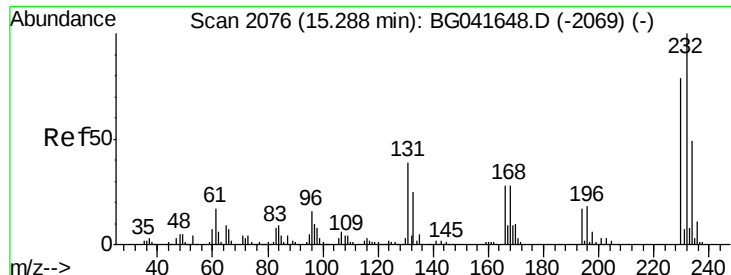
#58
 Fluorene
 Concen: 43.421 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Tgt Ion:166 Resp: 696571
 Ion Ratio Lower Upper
 166 100
 165 100.1 80.5 120.7
 167 14.8 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

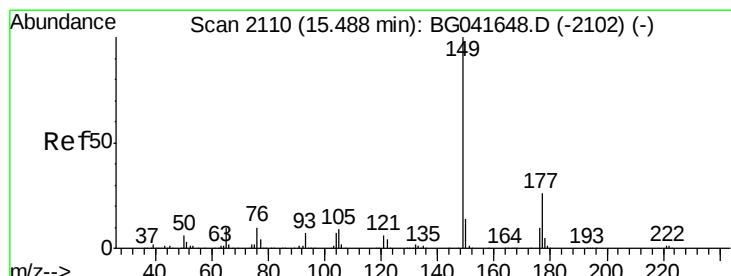
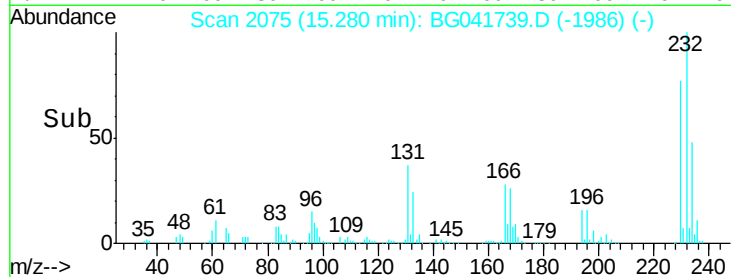
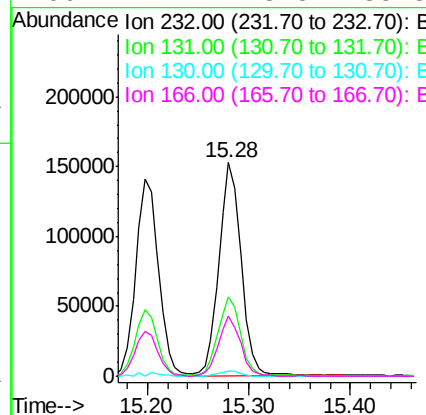
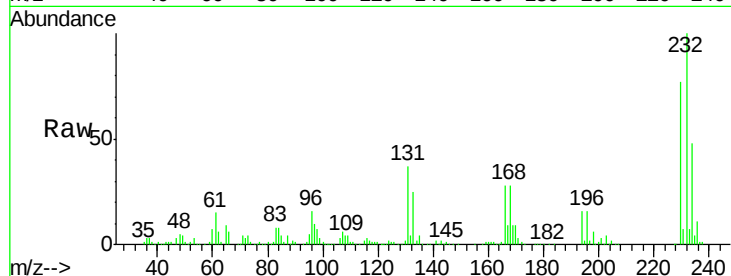




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.968 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

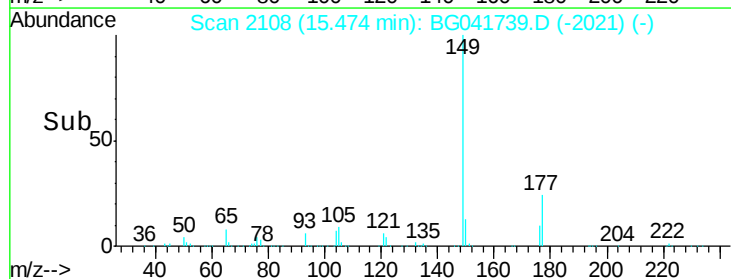
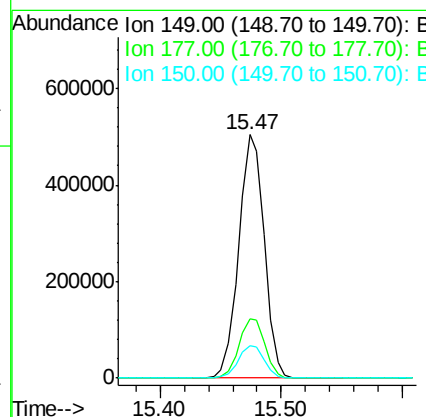
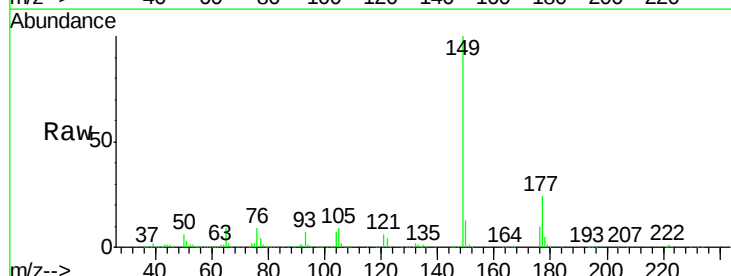
Instrument :
 BNA_G
 ClientSampleId :

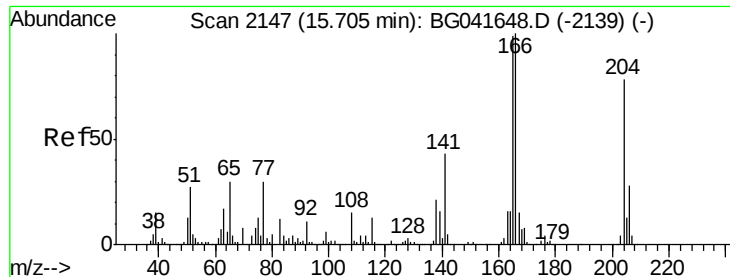
Tot Ion:	232	Resp:	231379
Ion	Ratio	Lower	Upper
232	100		
131	37.5	31.8	47.6
130	2.4	1.8	2.8
166	27.4	23.5	35.3



#60
 Diethylphthalate
 Concen: 43.745 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.02 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Tgt Ion:	149	Resp:	740339
Ion	Ratio	Lower	Upper
149	100		
177	24.5	20.7	31.1
150	13.4	11.5	17.3

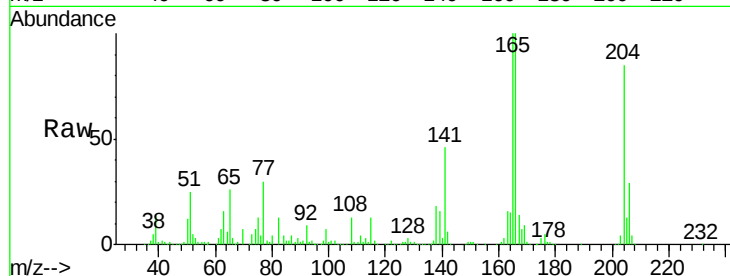




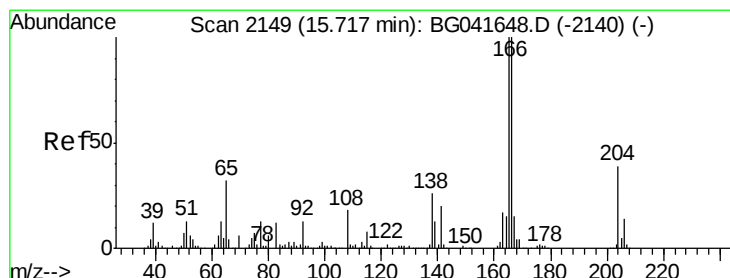
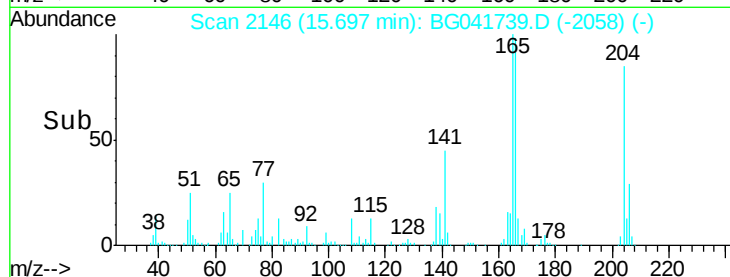
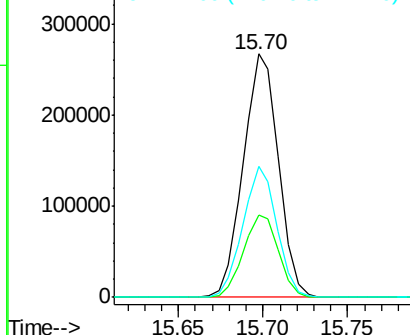
#61
4-Chlorophenyl-phenylether
Concen: 42.542 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 385786
Ion Ratio Lower Upper
204 100
206 33.9 28.6 42.8
141 53.6 42.9 64.3

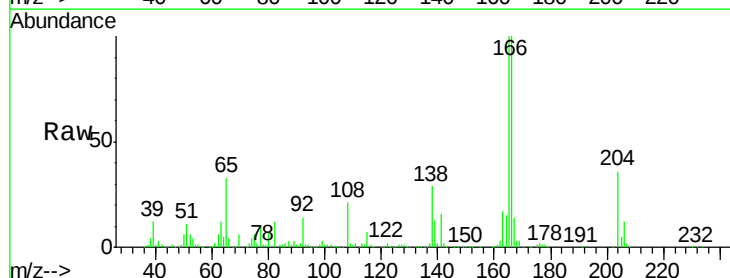


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

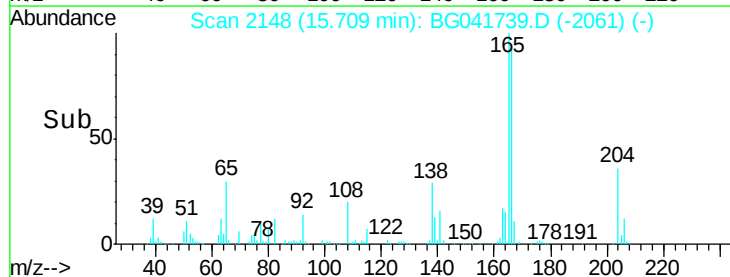
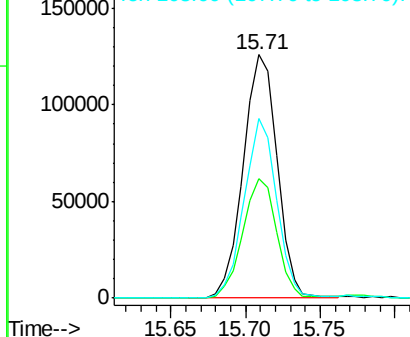


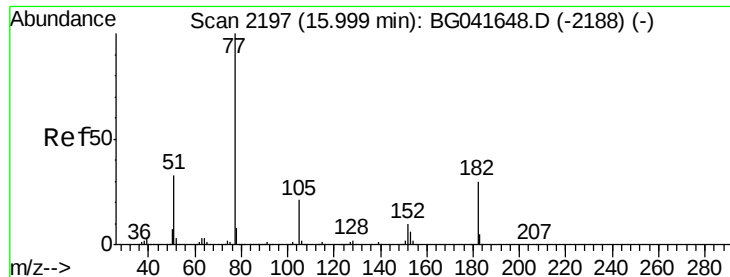
#62
4-Nitroaniline
Concen: 48.216 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion:138 Resp: 198908
Ion Ratio Lower Upper
138 100
92 48.9 29.8 69.8
108 73.6 52.2 92.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 41.764 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 639002

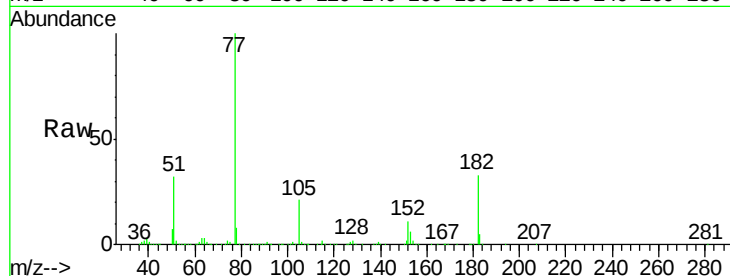
Ion Ratio Lower Upper

77 100

182 33.1 13.2 53.2

105 21.3 2.2 42.2

51 31.7 14.6 54.6

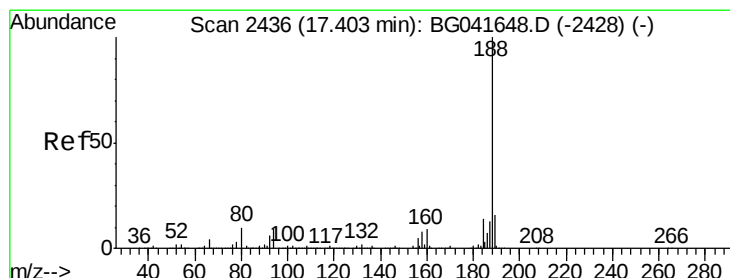
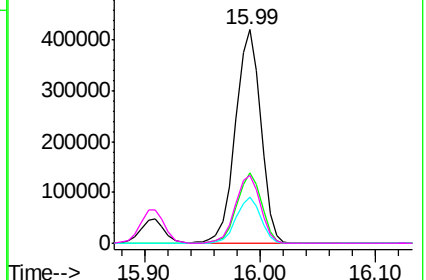
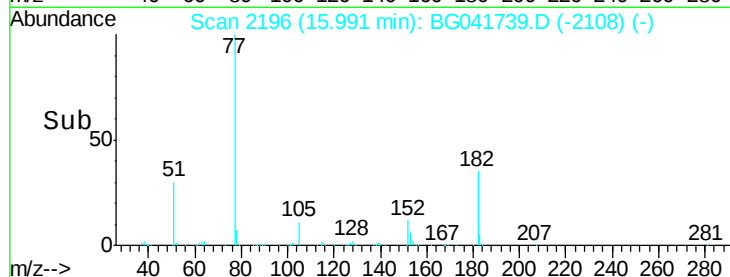


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

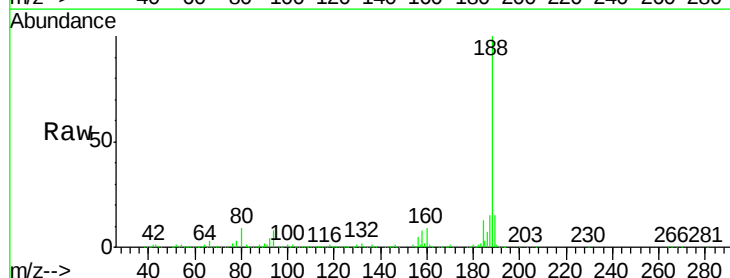
Tgt Ion: 188 Resp: 583681

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

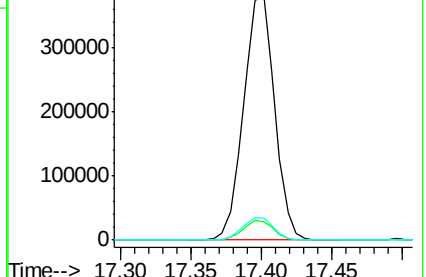
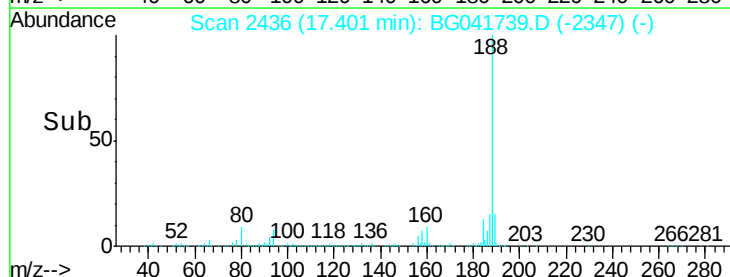
80 9.3 8.0 12.0

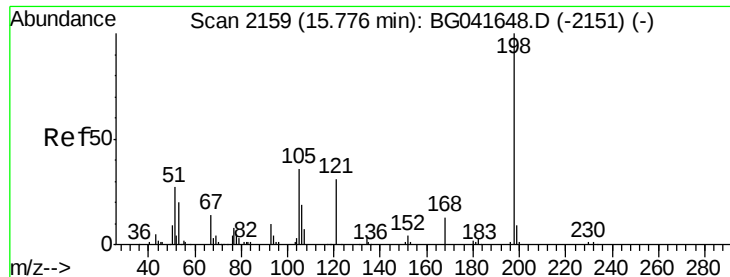


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

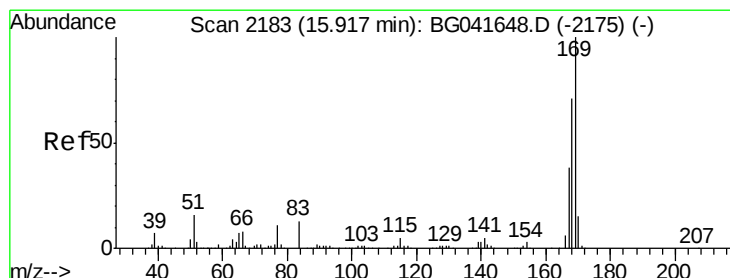
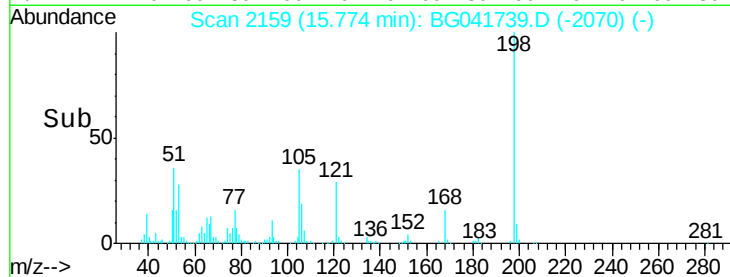
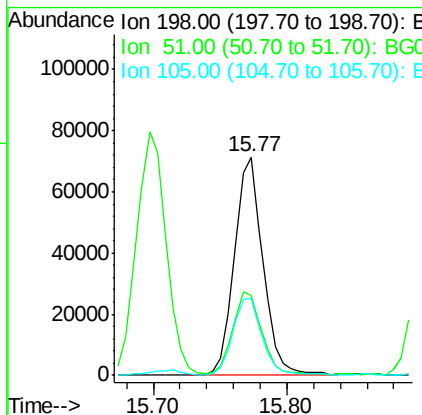
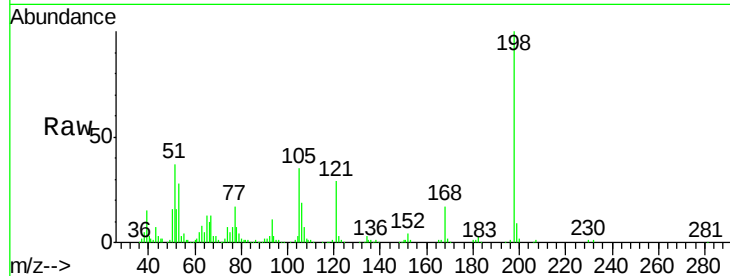




#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.759 ng
 RT: 15.77 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

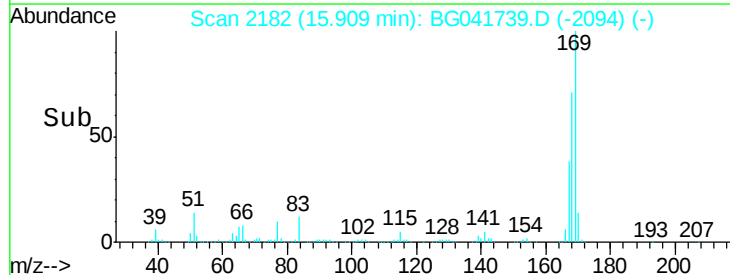
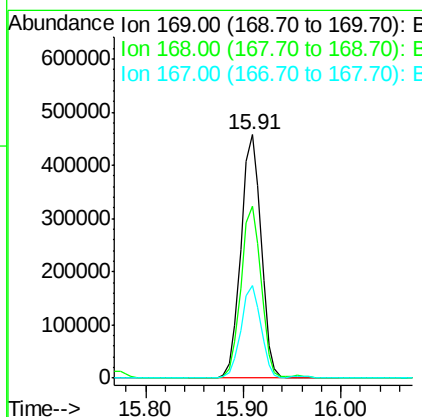
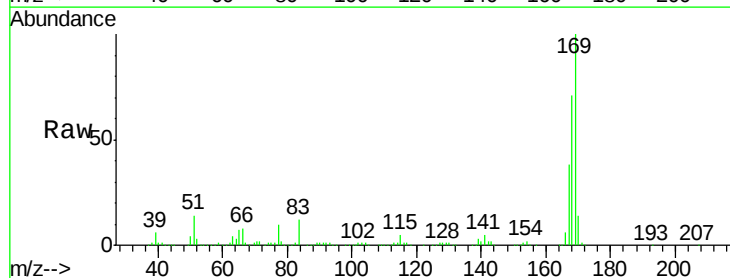
Instrument :
 BNA_G
 ClientSampleId :

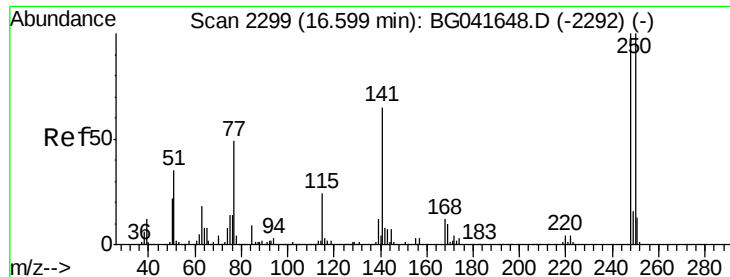
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.5	22.3	62.3
105	35.3	18.0	58.0



#66
 n-Nitrosodiphenylamine
 Concen: 38.612 ng
 RT: 15.91 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.8	56.9	85.3
167	38.0	31.5	47.3

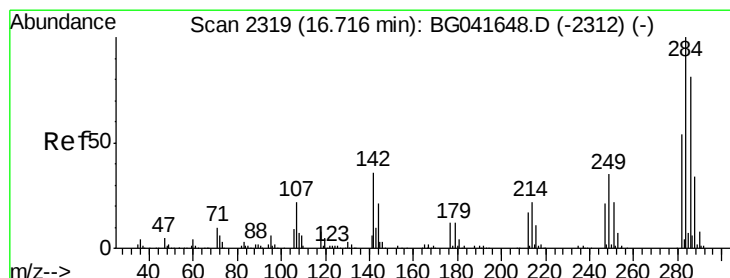
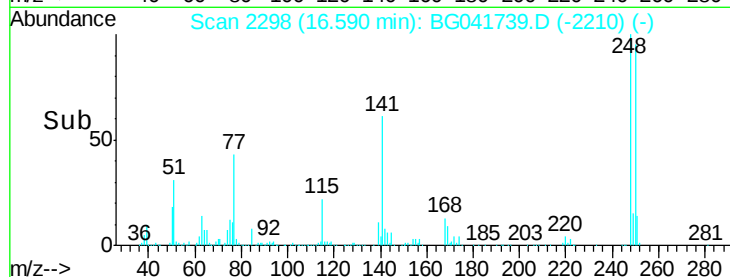
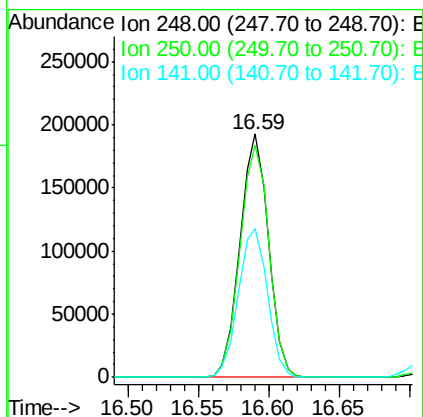
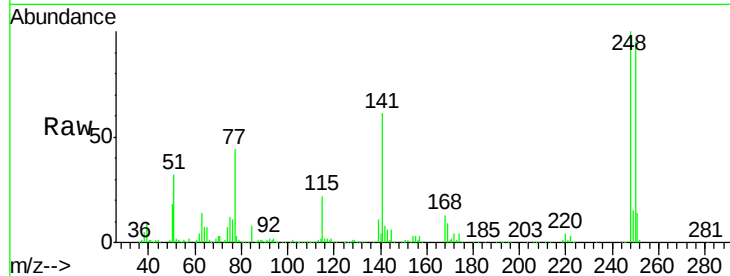




#67
4-Bromophenyl-phenylether
Concen: 39.068 ng
RT: 16.59 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

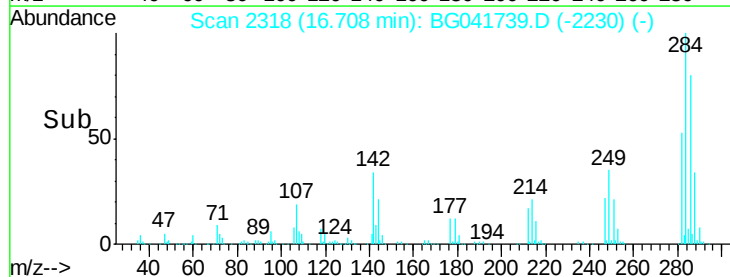
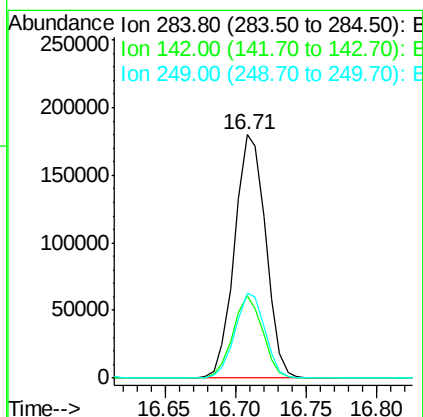
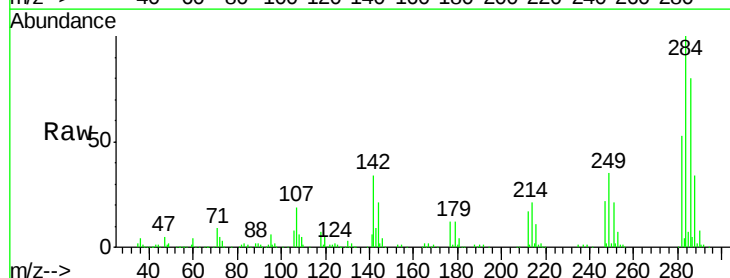
Instrument :
BNA_G
ClientSampled :

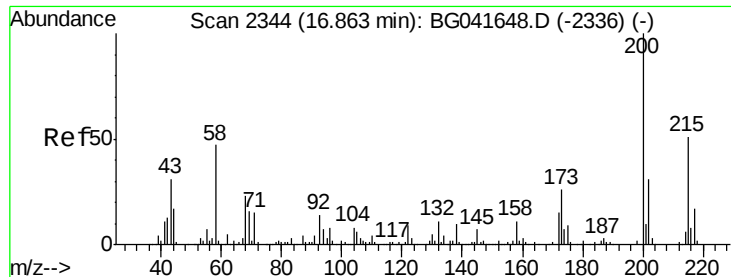
Tot Ion:248 Resp: 271328
Ion Ratio Lower Upper
248 100
250 95.3 78.1 117.1
141 61.1 49.6 74.4



#68
Hexachlorobenzene
Concen: 39.451 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion:284 Resp: 275905
Ion Ratio Lower Upper
284 100
142 33.9 27.0 40.6
249 37.2 28.4 42.6

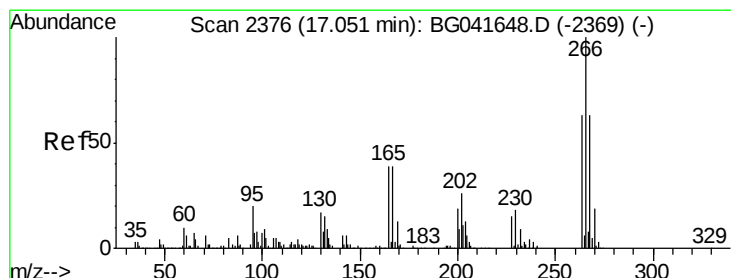
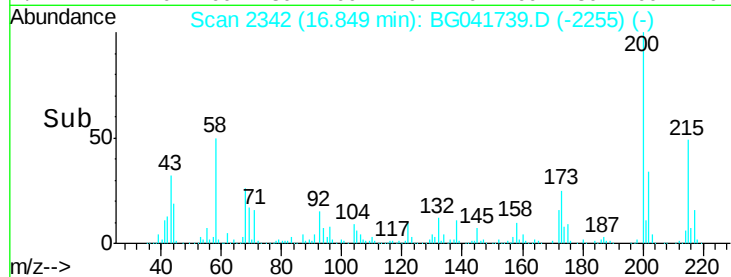
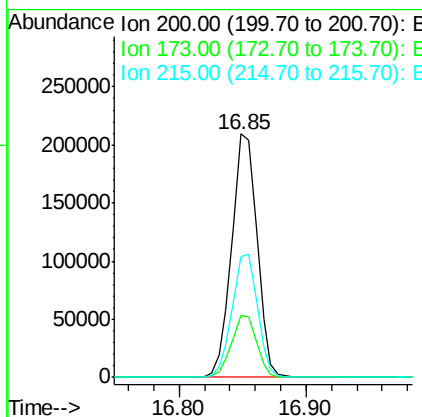
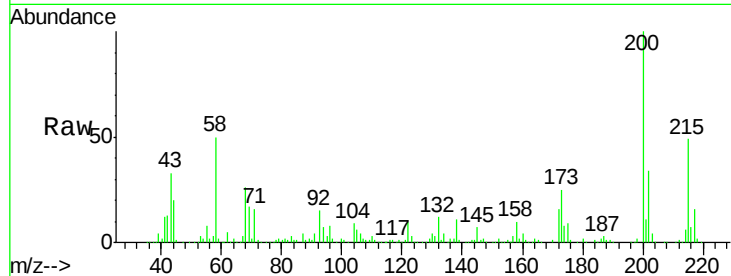




#69
 Atrazine
 Concen: 46.486 ng
 RT: 16.85 min Scan# 2342
 Delta R.T. -0.02 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

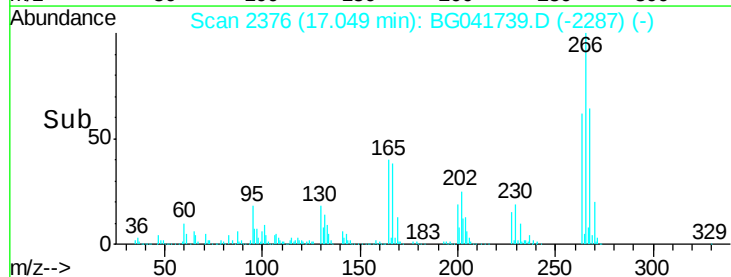
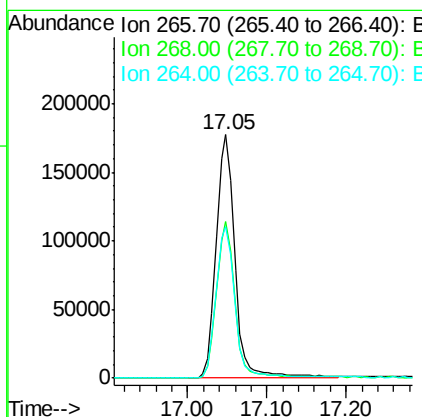
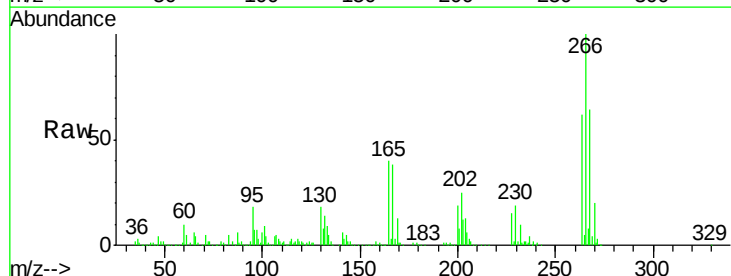
Instrument :
 BNA_G
 ClientSampleId :

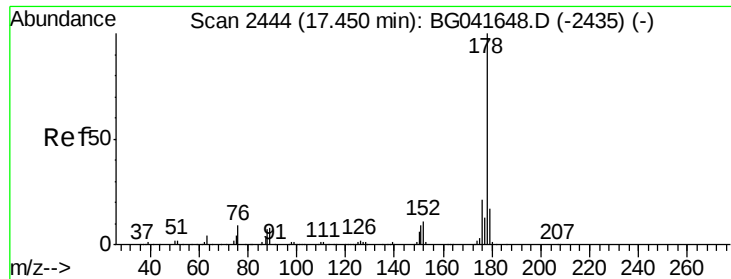
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	5.3	45.3
215	49.4	31.8	71.8



#70
 Pentachlorophenol
 Concen: 66.997 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BG041739.D
 Acq: 19 Jul 2019 17:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	52.9	79.3
264	62.4	51.4	77.2





#71

Phenanthrene

Concen: 42.235 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

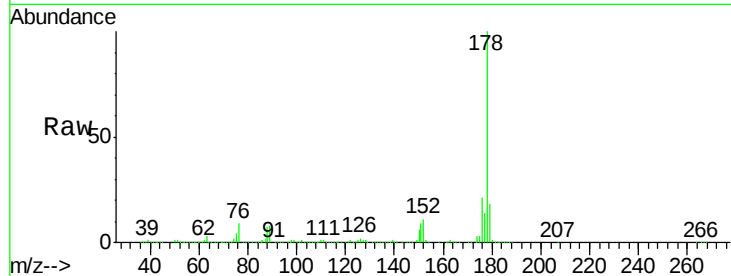
Tot Ion:178 Resp: 1241461

Ion Ratio Lower Upper

178 100

176 21.4 18.6 28.0

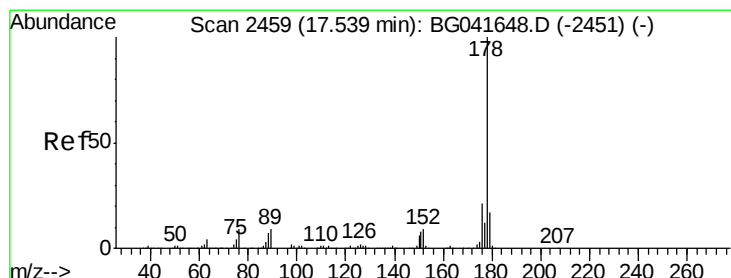
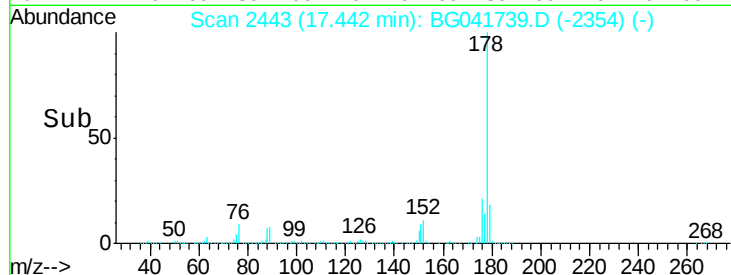
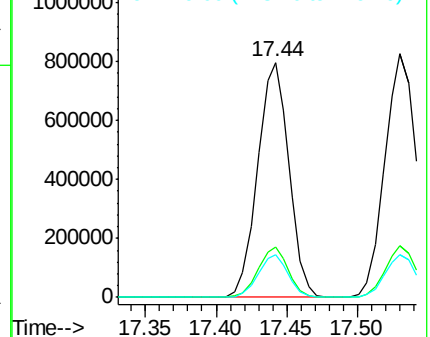
179 18.1 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.745 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

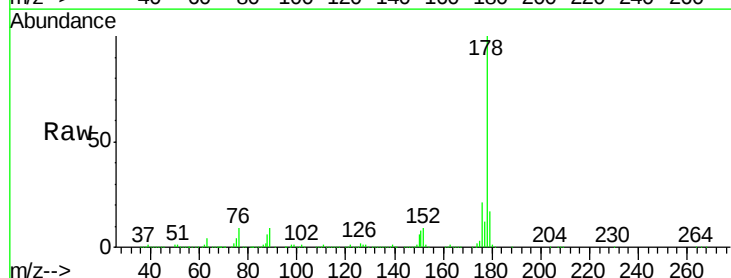
Tgt Ion:178 Resp: 1281723

Ion Ratio Lower Upper

178 100

176 21.2 18.6 28.0

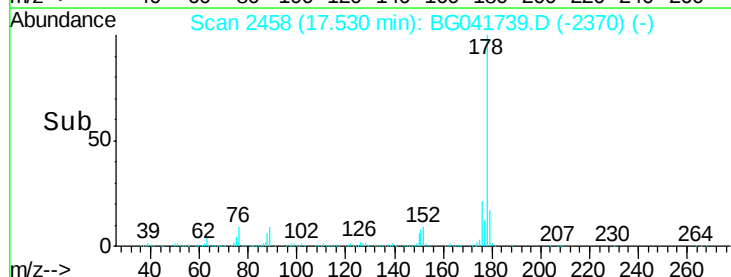
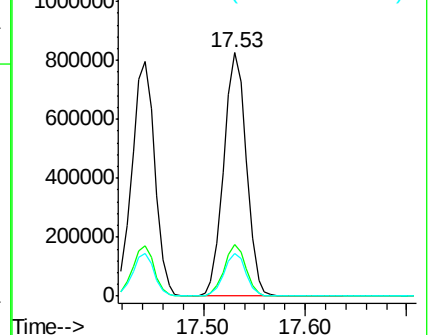
179 17.5 15.1 22.7

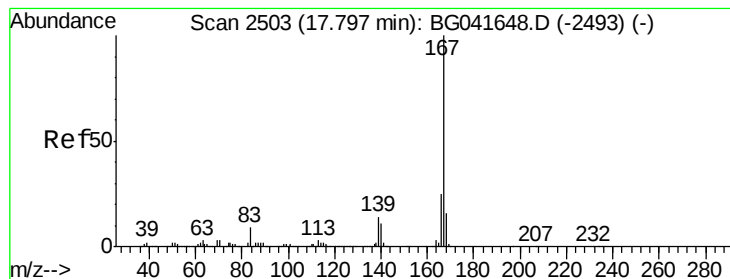


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.106 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

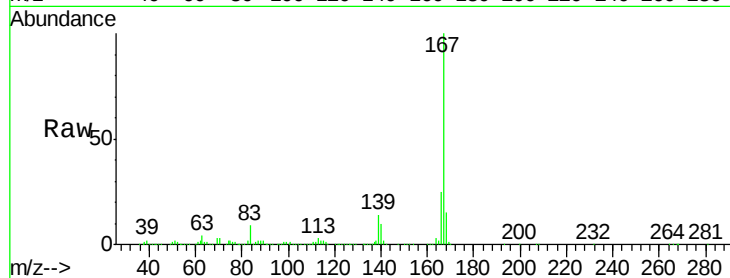
Instrument :

BNA_G

ClientSampleId :

Tot Ion:167 Resp: 1252889

Ion	Ratio	Lower	Upper
167	100		
166	25.3	21.4	32.2
139	13.6	12.1	18.1

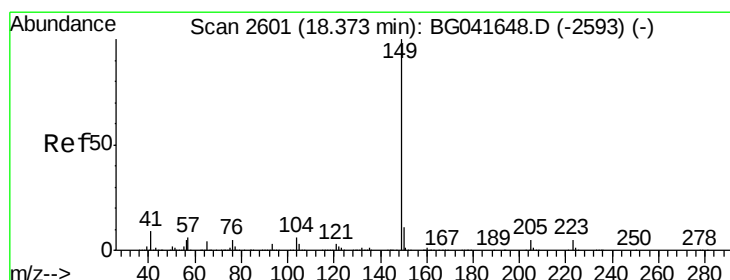
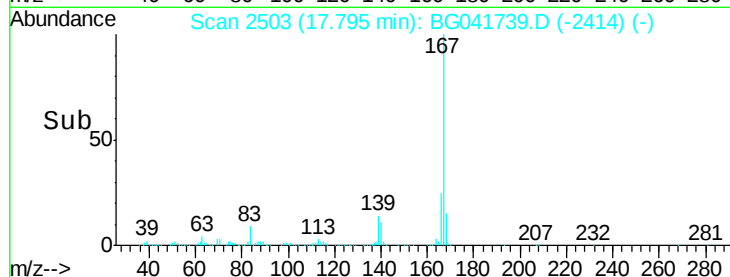
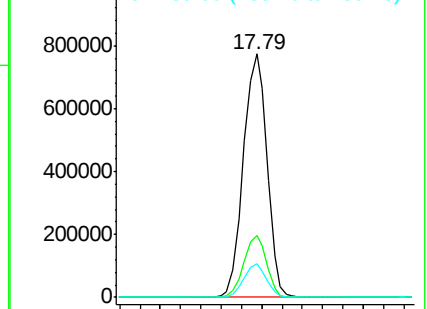


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.273 ng

RT: 18.36 min Scan# 2599

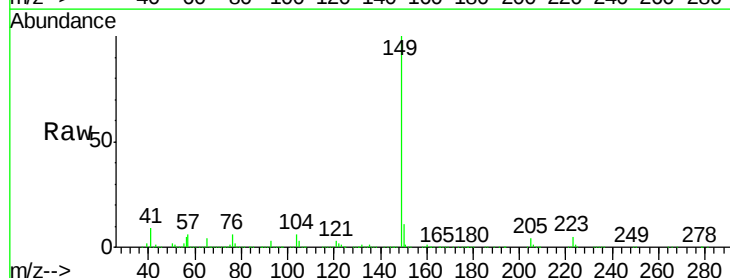
Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Tgt Ion:149 Resp: 1434189

Ion	Ratio	Lower	Upper
149	100		
150	11.3	10.2	15.2
104	5.8	5.3	7.9

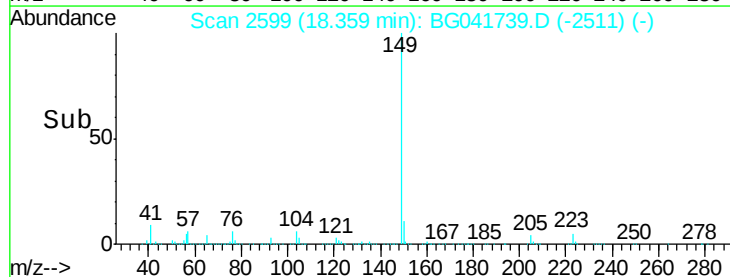
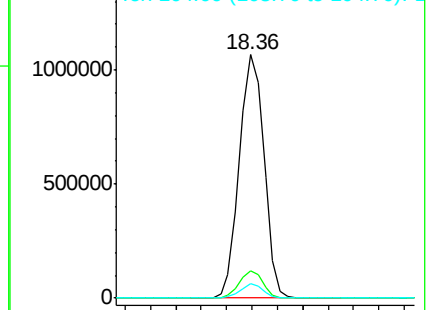


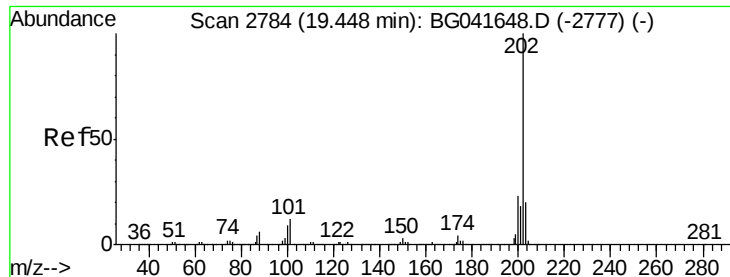
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.482 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

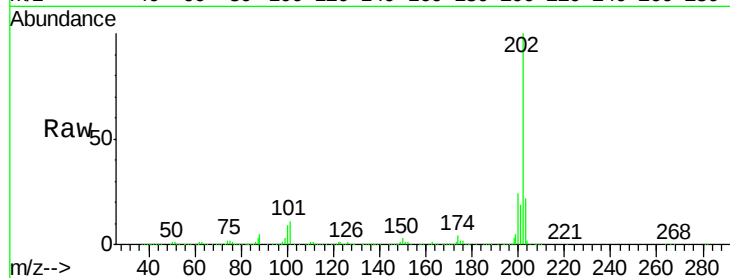
Tot Ion:202 Resp: 1677715

Ion Ratio Lower Upper

202 100

101 10.9 0.0 32.8

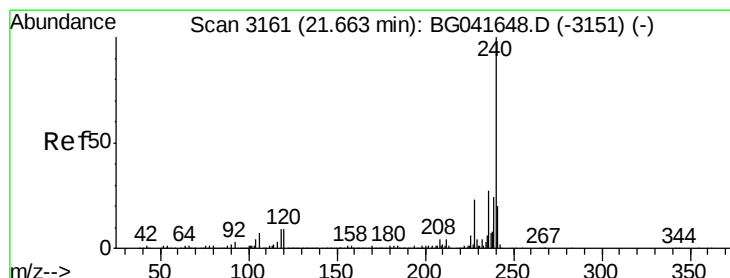
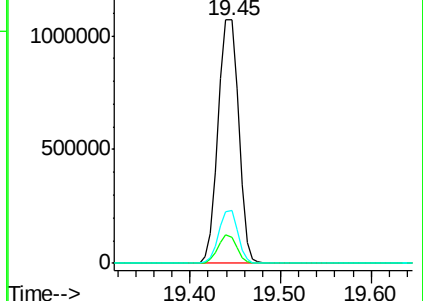
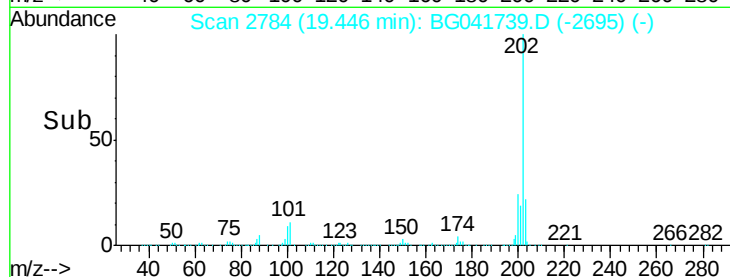
203 21.8 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

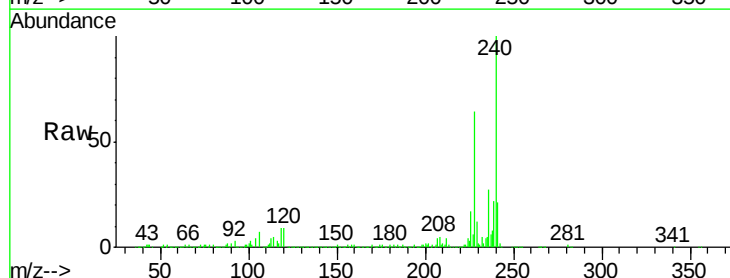
Tgt Ion:240 Resp: 699265

Ion Ratio Lower Upper

240 100

120 9.0 8.0 12.0

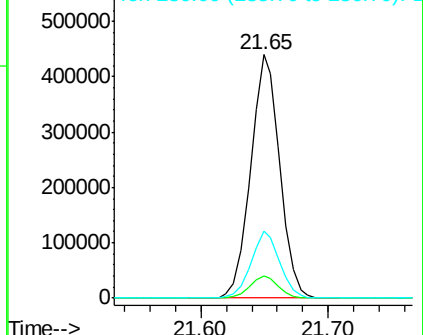
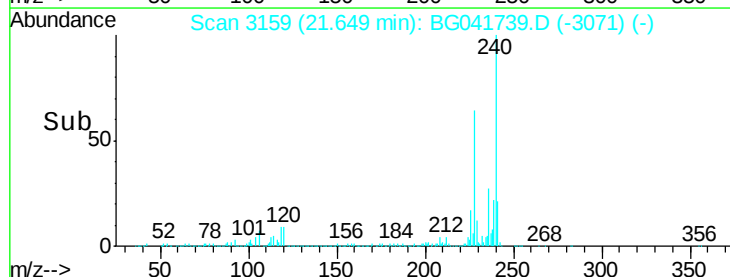
236 27.4 22.6 33.8

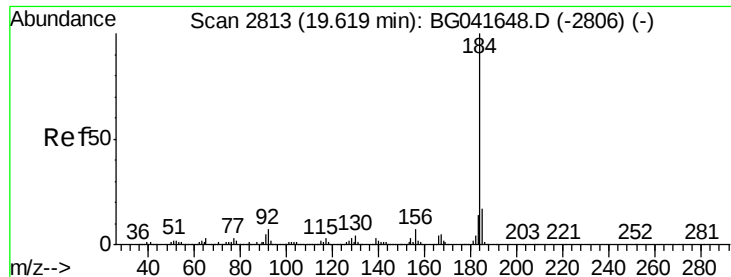


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.838 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

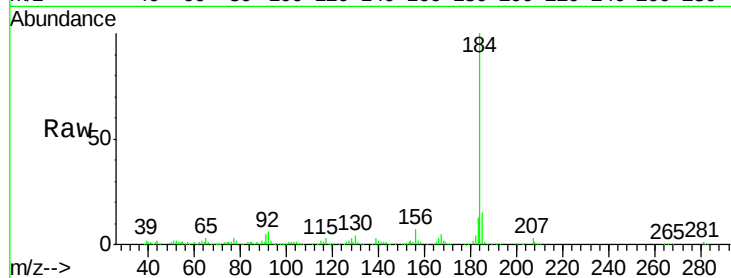
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 207096

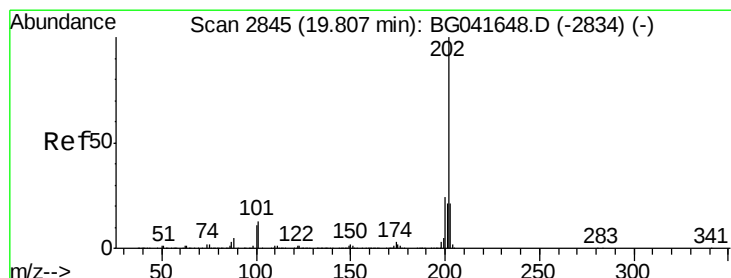
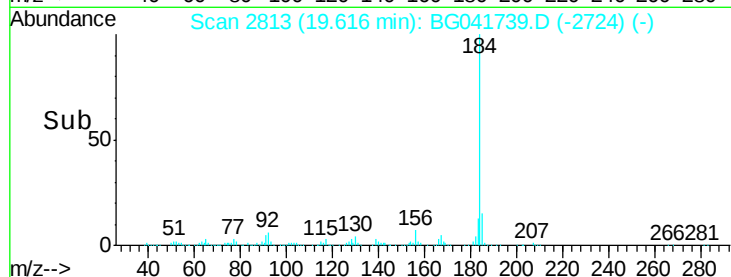
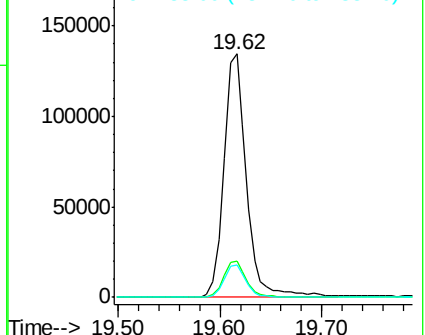
Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.4
183	13.1	11.8	17.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.340 ng

RT: 19.80 min Scan# 2845

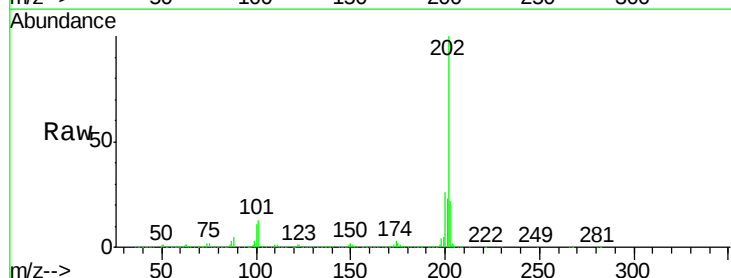
Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Tgt Ion:202 Resp: 1718630

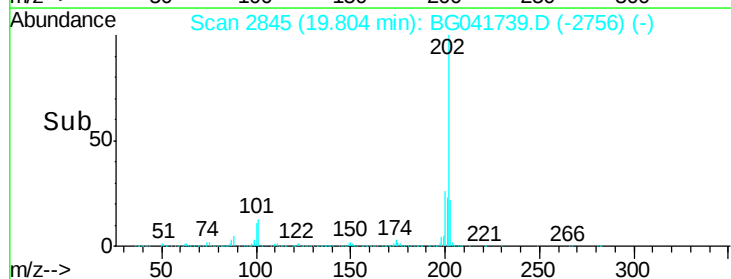
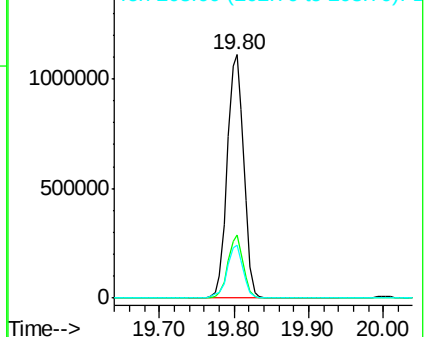
Ion	Ratio	Lower	Upper
202	100		
200	25.7	22.2	33.2
203	21.8	18.9	28.3

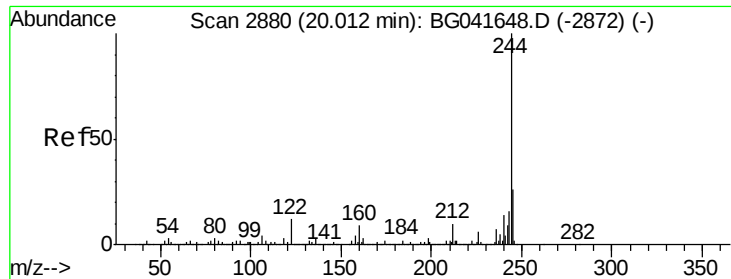


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.148 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

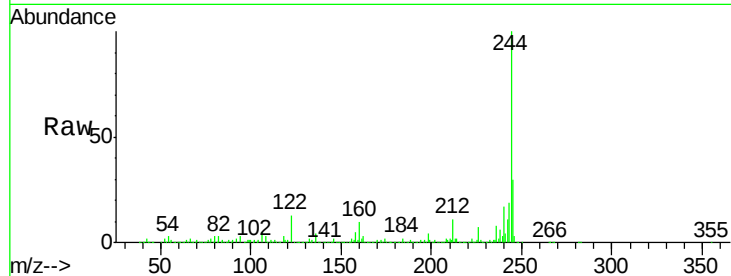
Tot Ion:244 Resp: 2398280

Ion Ratio Lower Upper

244 100

212 11.4 9.7 14.5

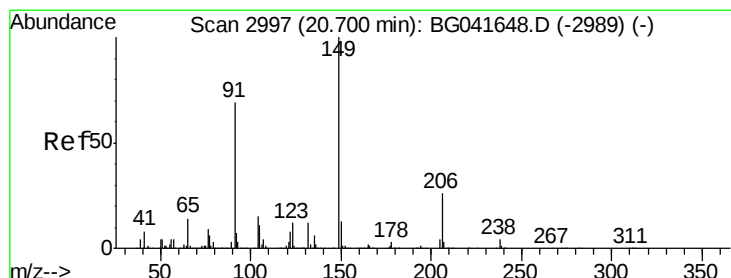
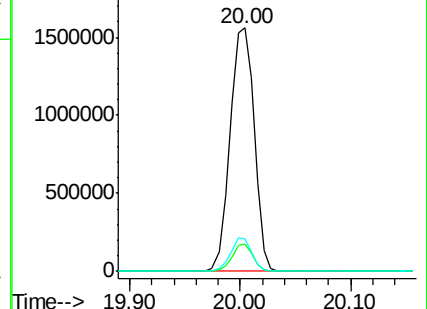
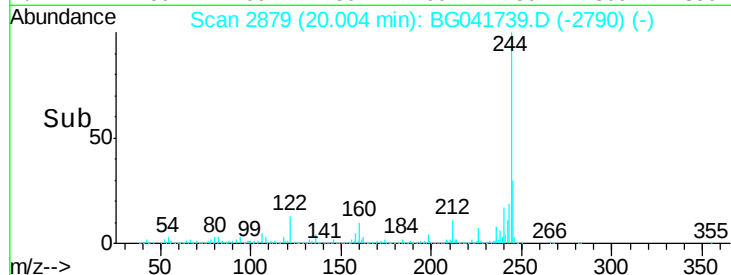
122 13.2 12.5 18.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.092 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

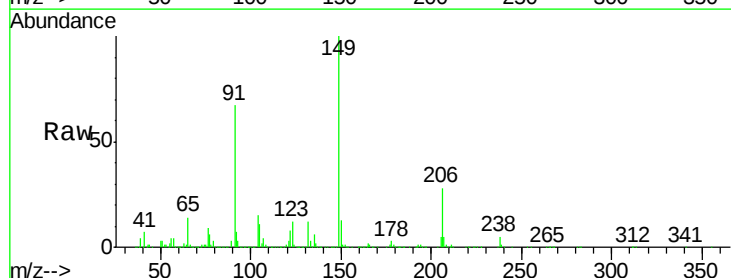
Tgt Ion:149 Resp: 787909

Ion Ratio Lower Upper

149 100

91 66.6 58.9 88.3

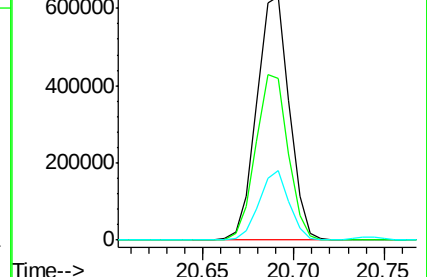
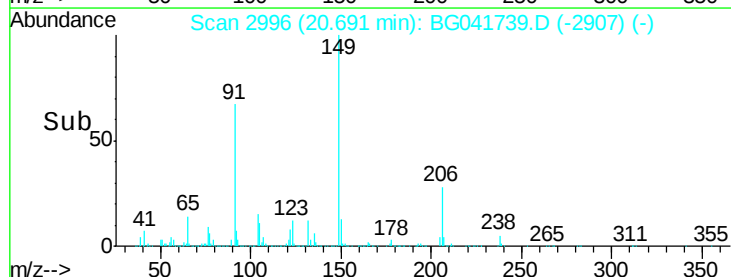
206 28.3 20.8 31.2

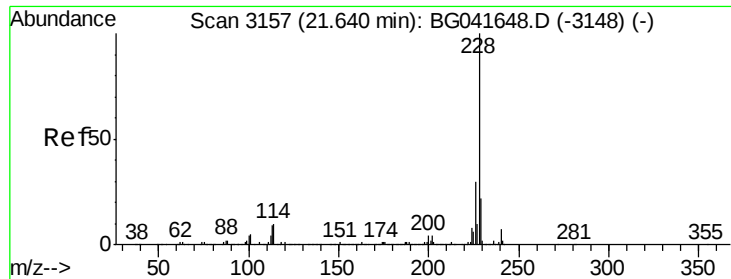


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

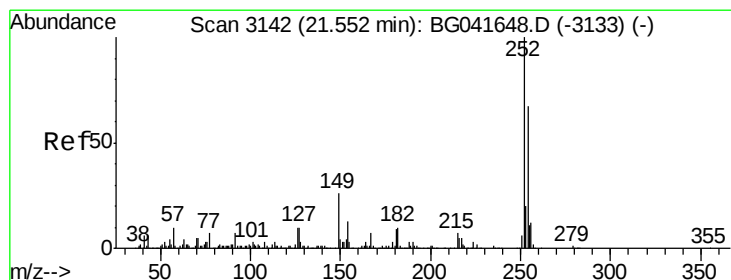
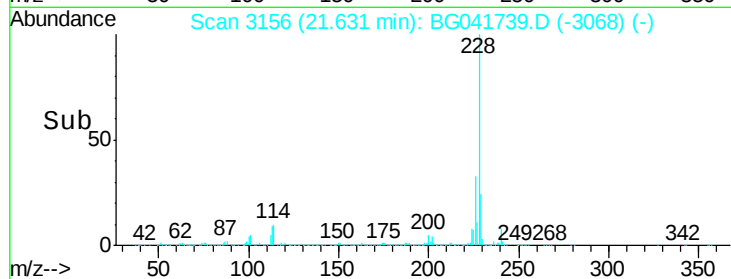
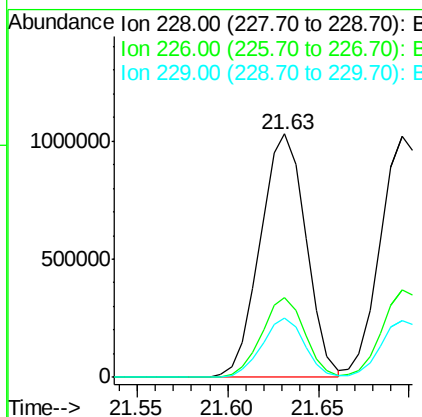
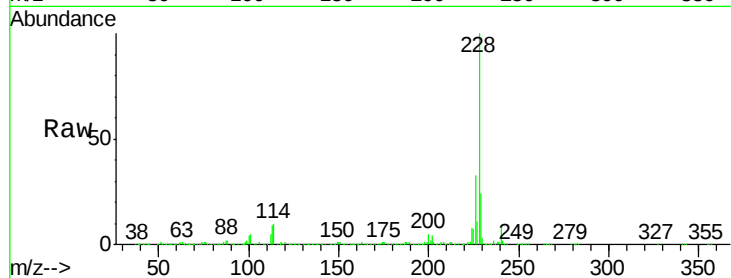




#81
Benzo(a)anthracene
Concen: 40.015 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

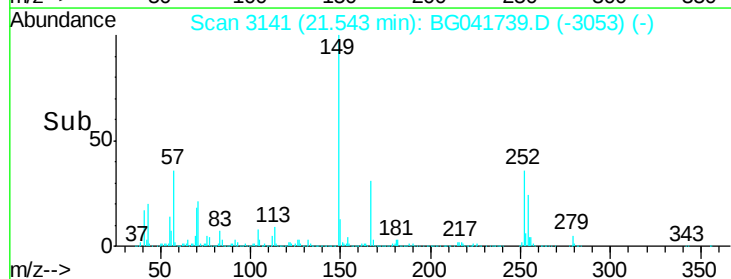
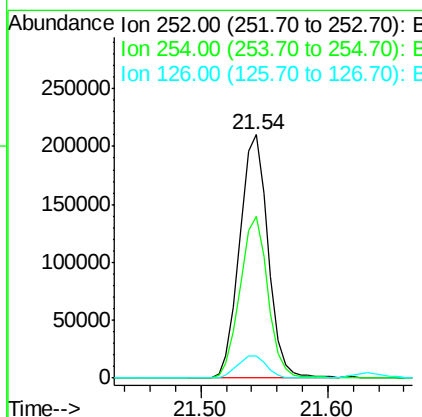
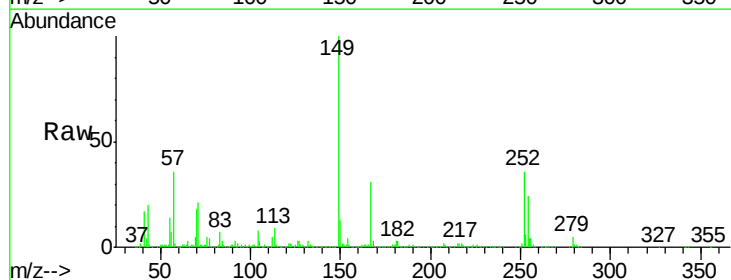
Instrument :
BNA_G
ClientSampleId :

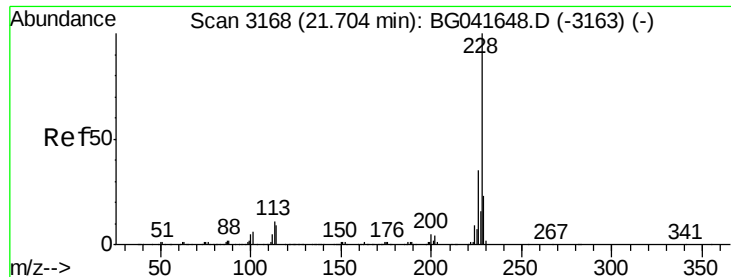
Tot Ion:228 Resp: 1807889
Ion Ratio Lower Upper
228 100
226 32.7 27.3 40.9
229 24.2 19.7 29.5



#82
3,3'-Dichlorobenzidine
Concen: 18.389 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion:252 Resp: 326926
Ion Ratio Lower Upper
252 100
254 66.6 53.8 80.6
126 9.0 7.8 11.8





#83

Chrvsene

Concen: 41.096 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampled :

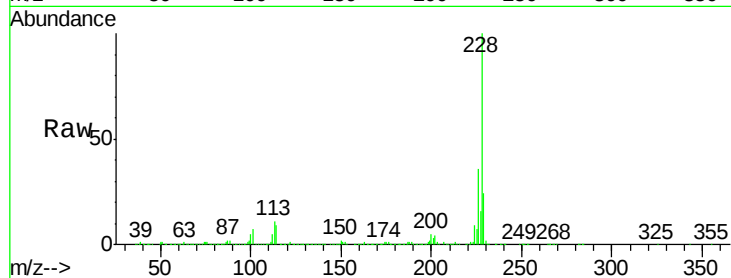
Tot Ion:228 Resp: 1774186

Ion	Ratio	Lower	Upper
228	100		
226	36.3	30.1	45.1
229	23.7	19.8	29.6

228 100

226 36.3 30.1 45.1

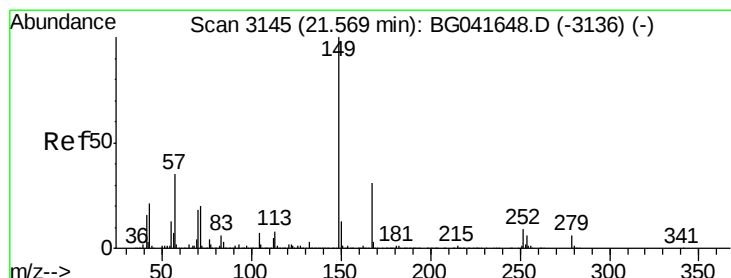
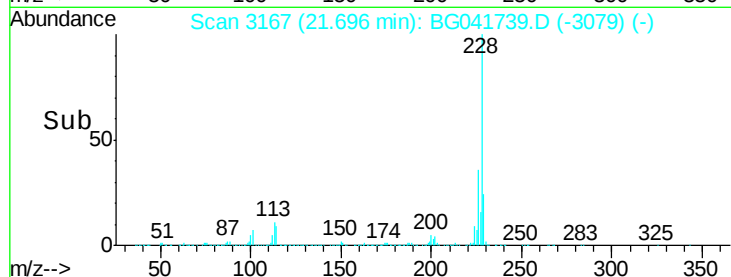
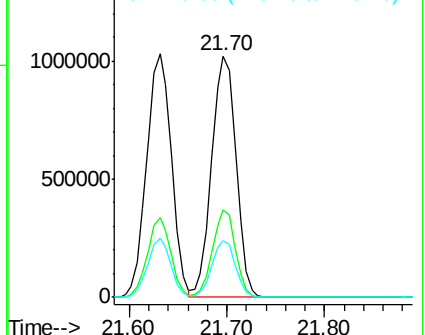
229 23.7 19.8 29.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.117 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.02 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

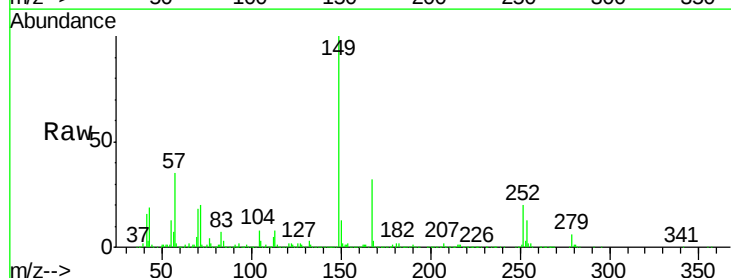
Tgt Ion:149 Resp: 1113163

Ion	Ratio	Lower	Upper
149	100		
167	32.1	27.0	40.4
279	5.9	5.0	7.6

149 100

167 32.1 27.0 40.4

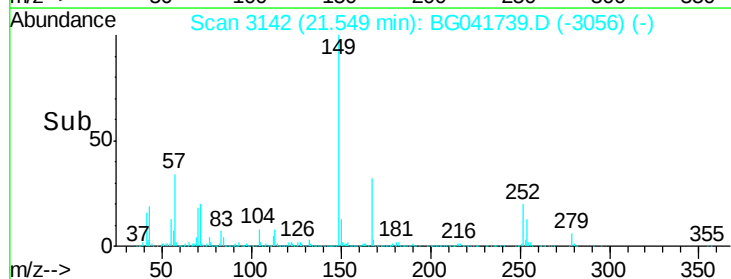
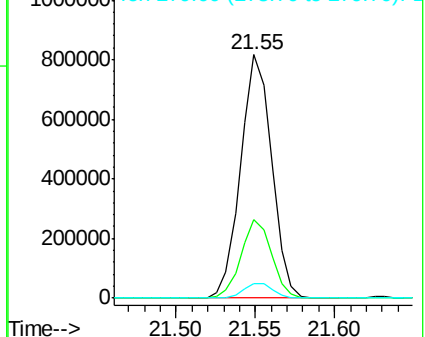
279 5.9 5.0 7.6

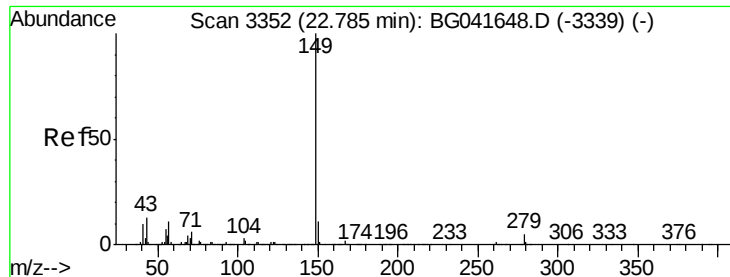


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.140 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.02 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

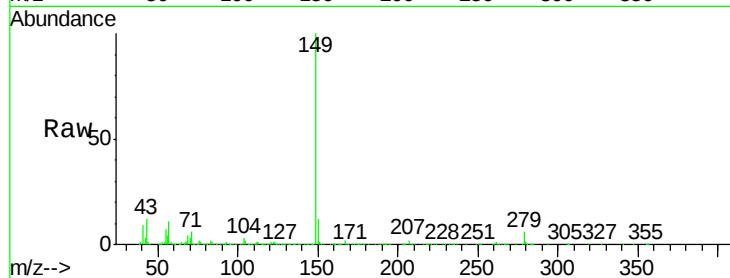
Tot Ion:149 Resp: 1944019

Ion Ratio Lower Upper

149 100

167 2.0 1.6 2.4

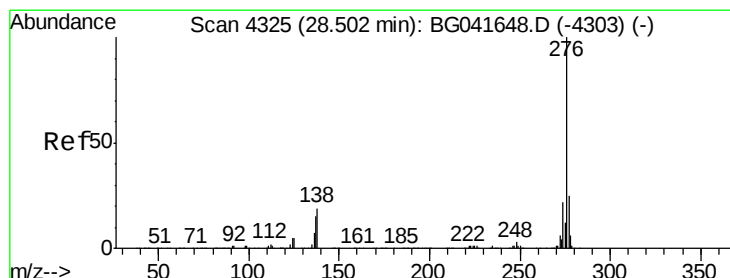
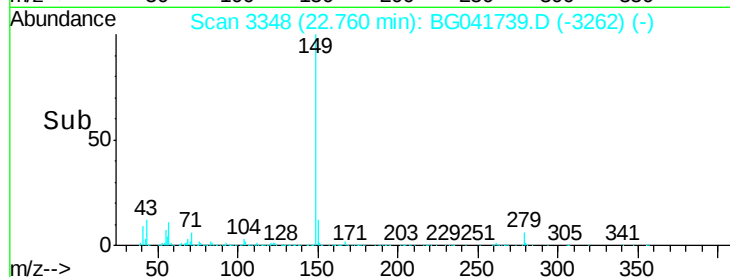
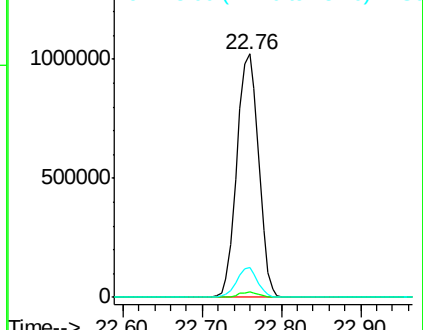
43 11.4 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.815 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.04 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

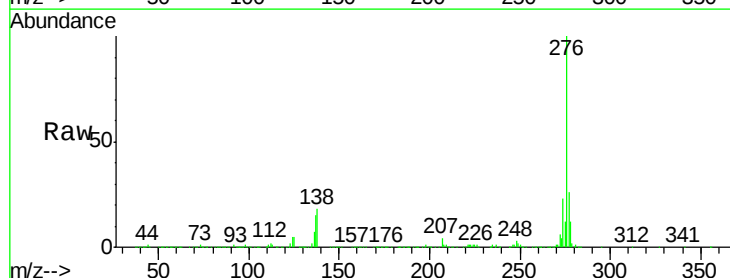
Tgt Ion:276 Resp: 2438905

Ion Ratio Lower Upper

276 100

138 15.6 19.4 29.0#

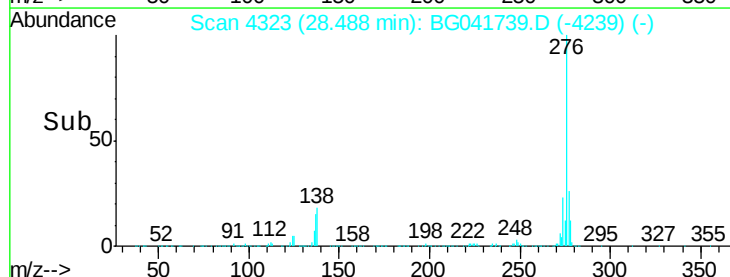
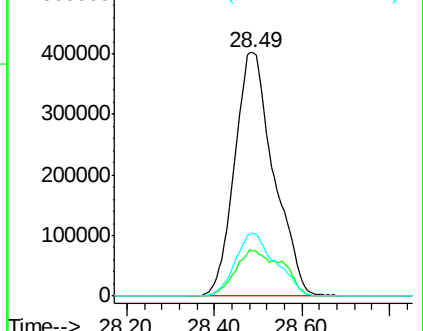
277 26.6 21.2 31.8

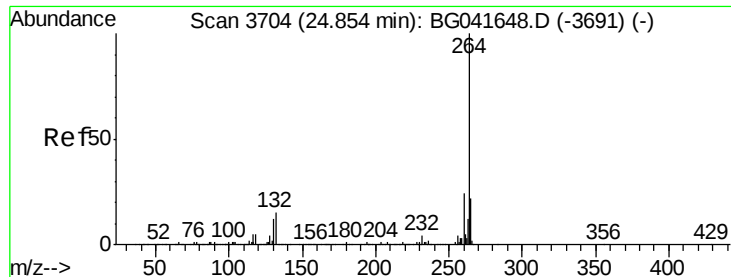


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3702

Delta R.T. -0.02 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

Instrument :

BNA_G

ClientSampleId :

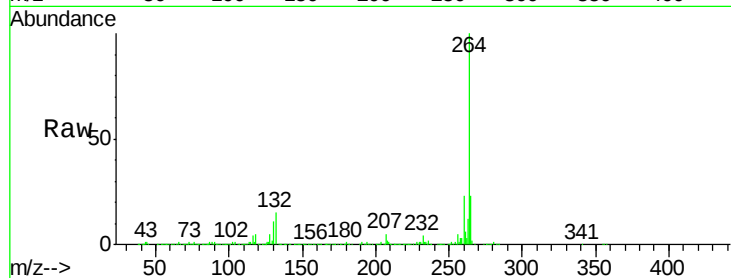
Tot Ion:264 Resp: 838345

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

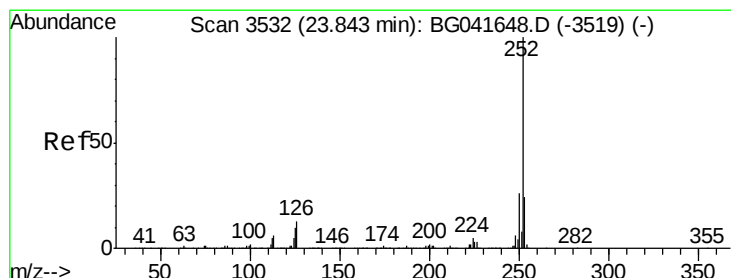
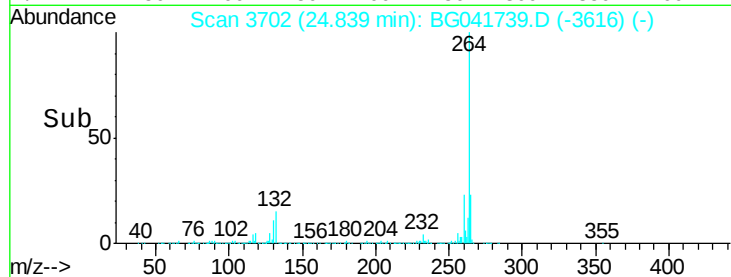
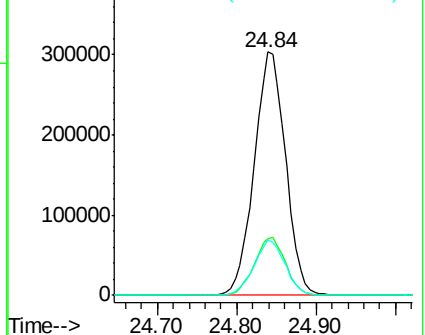
265 22.6 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.129 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.02 min

Lab File: BG041739.D

Acq: 19 Jul 2019 17:37

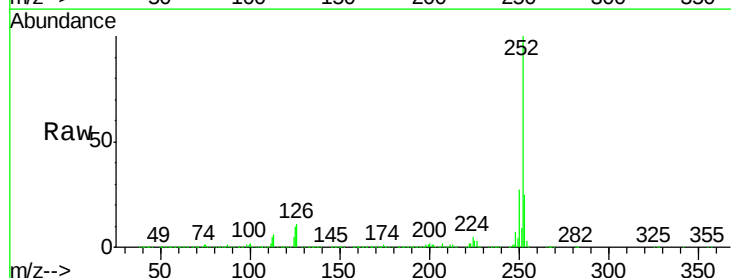
Tgt Ion:252 Resp: 2040627

Ion Ratio Lower Upper

252 100

253 25.2 20.6 30.8

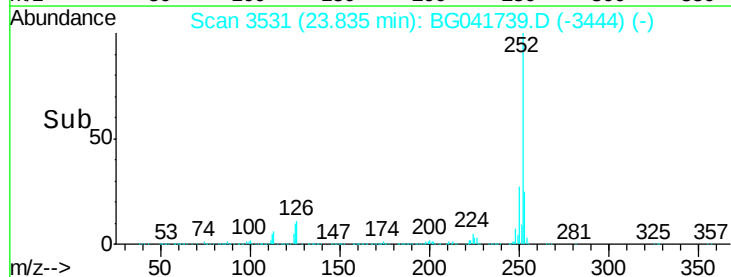
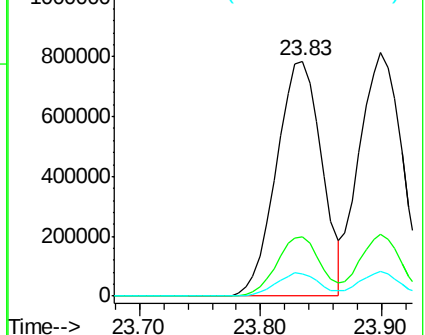
125 9.6 8.0 12.0

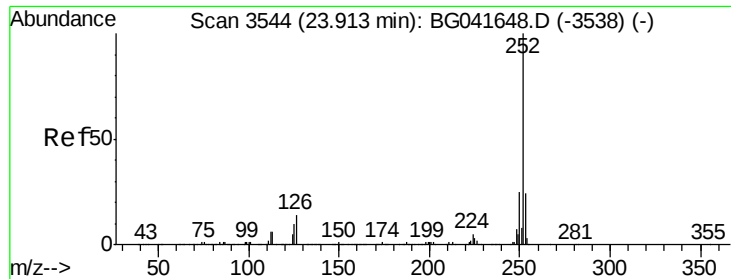


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

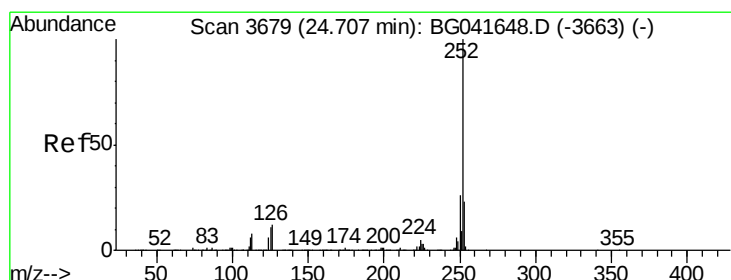
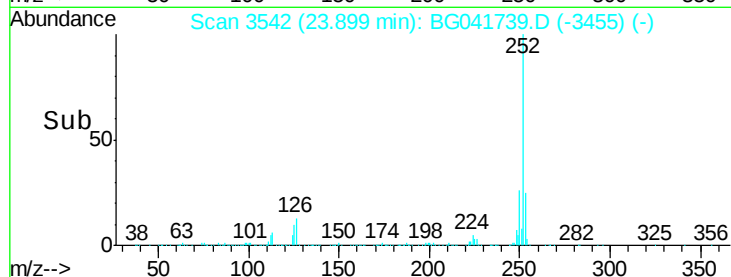
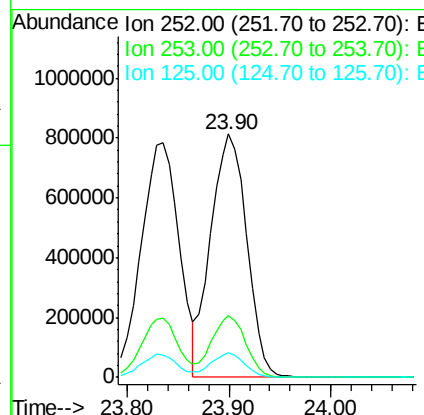
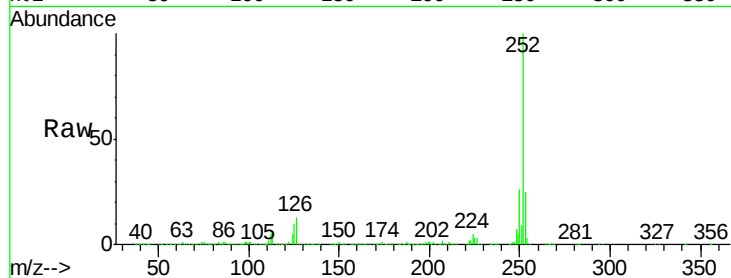




#89
Benzo(k)fluoranthene
Concen: 42.374 ng
RT: 23.90 min Scan# 3542
Delta R.T. -0.02 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

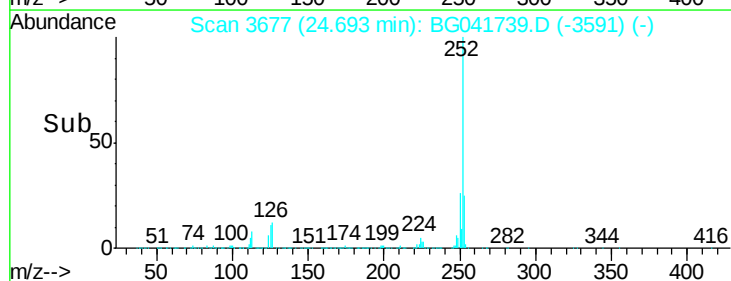
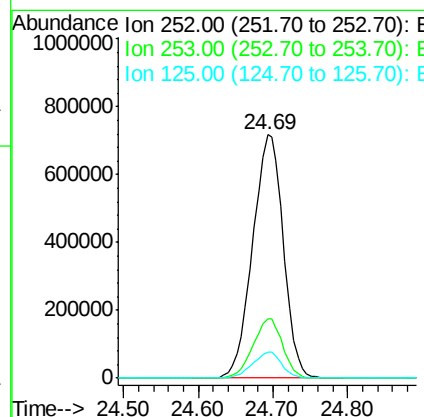
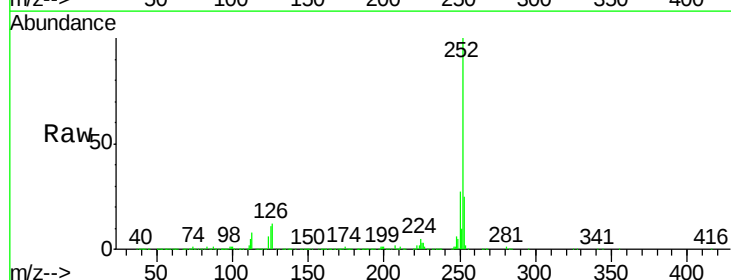
Instrument :
BNA_G
ClientSampleId :

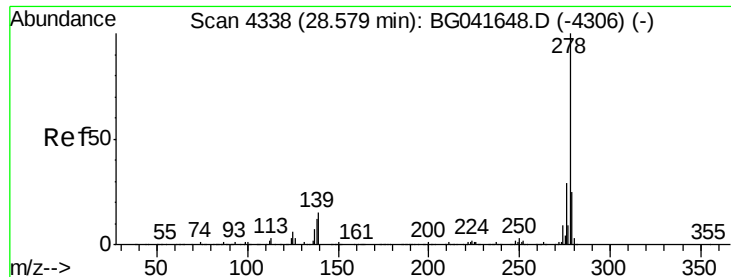
Tot Ion:252 Resp: 1996657
Ion Ratio Lower Upper
252 100
253 25.2 20.5 30.7
125 9.9 8.4 12.6



#90
Benzo(a)pyrene
Concen: 42.433 ng
RT: 24.69 min Scan# 3677
Delta R.T. -0.02 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion:252 Resp: 2041579
Ion Ratio Lower Upper
252 100
253 24.6 19.8 29.8
125 10.7 8.8 13.2

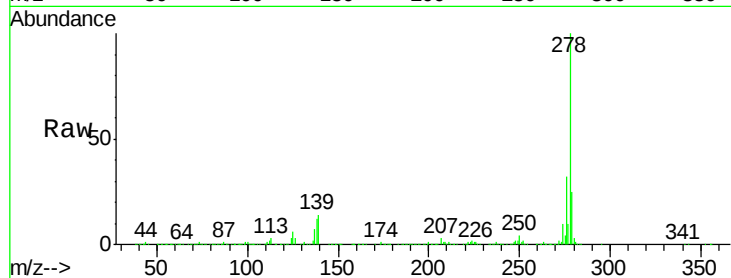




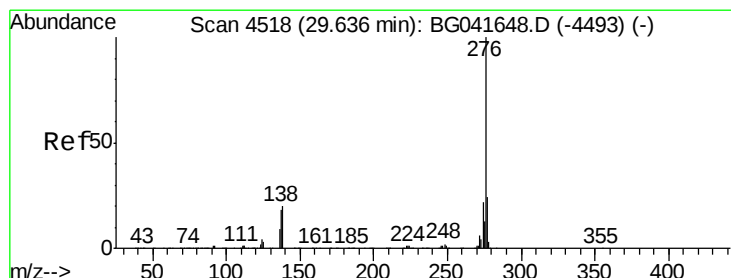
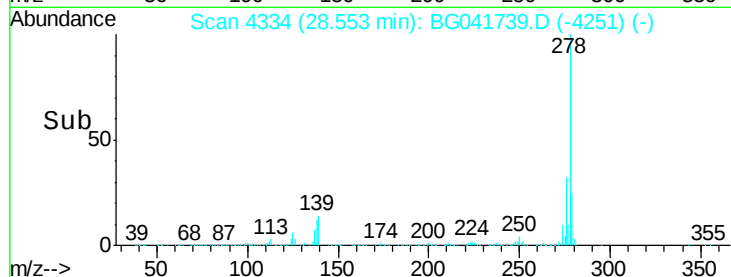
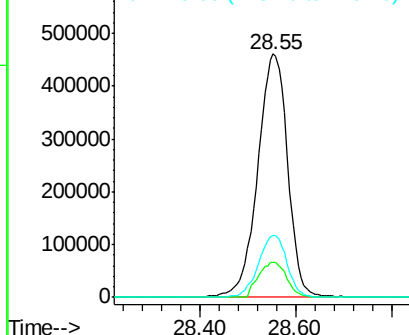
#91
Dibenzo(a,h)anthracene
Concen: 42.832 ng
RT: 28.55 min Scan# 4334
Delta R.T. -0.04 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1998100
Ion Ratio Lower Upper
278 100
139 14.3 12.6 19.0
279 25.3 20.5 30.7

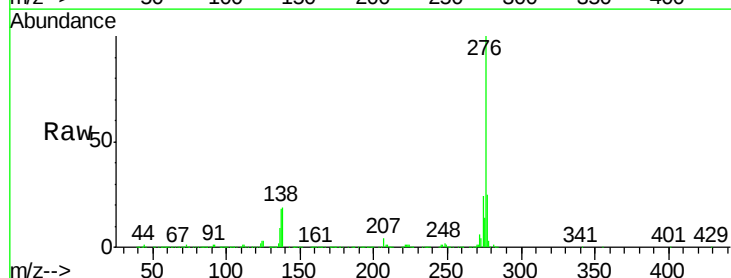


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 43.102 ng
RT: 29.62 min Scan# 4515
Delta R.T. -0.05 min
Lab File: BG041739.D
Acq: 19 Jul 2019 17:37

Tgt Ion:276 Resp: 2014992
Ion Ratio Lower Upper
276 100
277 24.9 19.8 29.8
138 19.2 16.6 25.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

